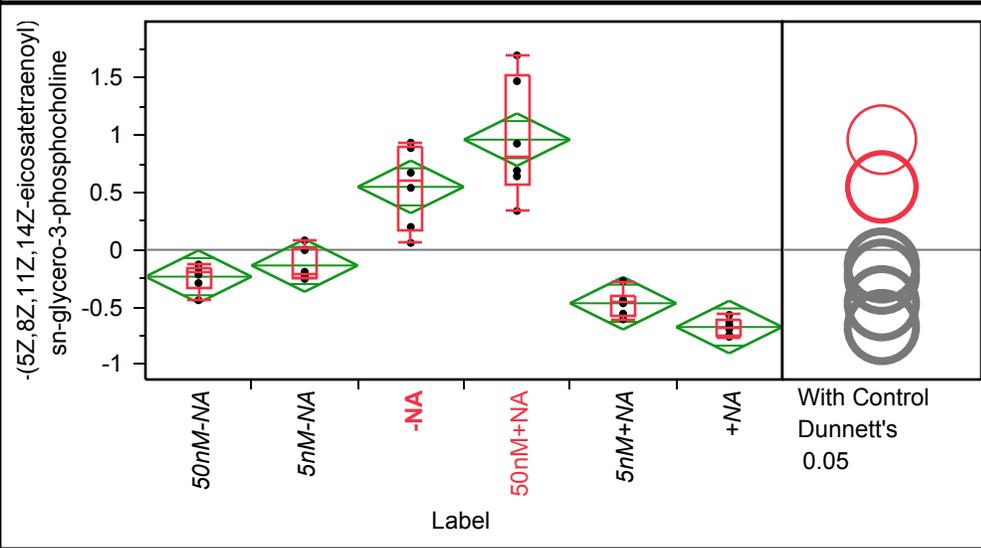


Oneway Analysis of 1-(5Z,8Z,11Z,14Z-icosatetraenoyl)-sn-glycero-3-phosphocholine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.44019	-0.44019	-0.32821	-0.19323	-0.15345	-0.12762	-0.12762
5nM-NA	-0.25461	-0.25461	-0.23942	-0.20512	0.018235	0.082412	0.082412
-NA	0.060494	0.060494	0.164884	0.607386	0.900878	0.93608	0.93608
50nM+NA	0.339986	0.339986	0.566507	0.810113	1.530201	1.698774	1.698774
5nM+NA	-0.60816	-0.60816	-0.57031	-0.46121	-0.39766	-0.27322	-0.27322
+NA	-0.76048	-0.76048	-0.74889	-0.67463	-0.61032	-0.56831	-0.56831

Oneway Anova

Summary of Fit

Rsquare	0.839325
Adj Rsquare	0.812546
Root Mean Square Error	0.275021
Mean of Response	2.47e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	11.853238	2.37065	31.3425	<.0001 *
Error	30	2.269103	0.07564		
C. Total	35	14.122341			

Means for Oneway Anova

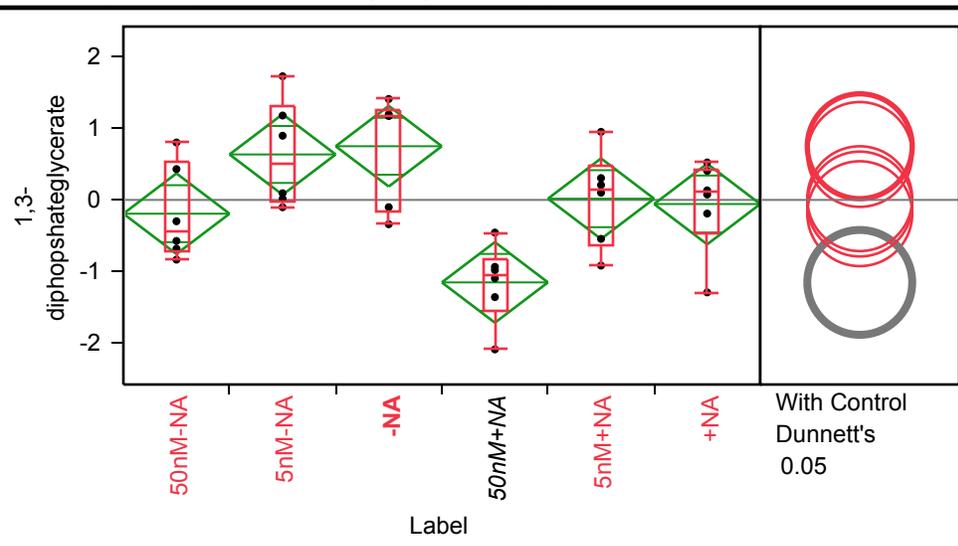
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.23453	0.11228	-0.4638	-0.0052
5nM-NA	6	-0.13666	0.11228	-0.3660	0.093
-NA	6	0.55003	0.11228	0.3207	0.779
50nM+NA	6	0.96250	0.11228	0.7332	1.192
5nM+NA	6	-0.46677	0.11228	-0.6961	-0.237
+NA	6	-0.67457	0.11228	-0.9039	-0.445

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 1,3-diphosphoglycerate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.83522	-0.83522	-0.7202	-0.43644	0.523987	0.803017	0.803017
5nM-NA	-0.10242	-0.10242	-0.01339	0.49556	1.317685	1.729966	1.729966
-NA	-0.34009	-0.34009	-0.16123	1.169604	1.250151	1.411665	1.411665
50nM+NA	-2.09097	-2.09097	-1.54247	-1.03944	-0.81622	-0.45671	-0.45671
5nM+NA	-0.91848	-0.91848	-0.6383	0.154178	0.467099	0.952202	0.952202
+NA	-1.29328	-1.29328	-0.46655	0.104647	0.435666	0.523541	0.523541

Oneway Anova

Summary of Fit

Rsquare	0.50598
Adj Rsquare	0.423643
Root Mean Square Error	0.675966
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	14.039775	2.80796	6.1453	0.0005 *
Error	30	13.707920	0.45693		
C. Total	35	27.747695			

Means for Oneway Anova

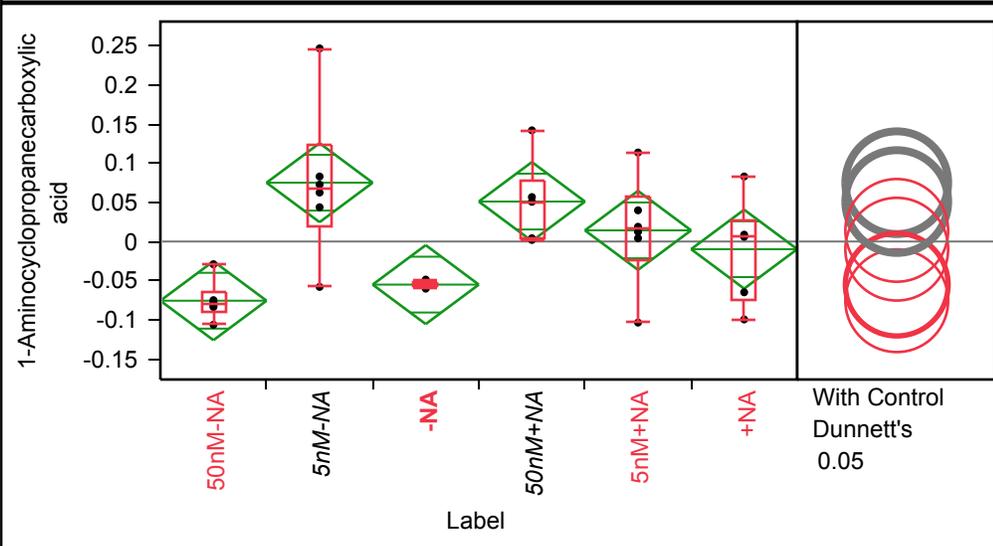
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.1927	0.27596	-0.756	0.371
5nM-NA	6	0.6359	0.27596	0.072	1.199
-NA	6	0.7509	0.27596	0.187	1.315
50nM+NA	6	-1.1537	0.27596	-1.717	-0.590
5nM+NA	6	0.0171	0.27596	-0.546	0.581
+NA	6	-0.0575	0.27596	-0.621	0.506

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 1-Aminocyclopropanecarboxylic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.10638	-0.10638	-0.08932	-0.07992	-0.06347	-0.02907	-0.02907
5nM-NA	-0.058	-0.058	0.018364	0.06767	0.124014	0.246799	0.246799
-NA	-0.06024	-0.06024	-0.058	-0.05514	-0.05262	-0.04865	-0.04865
50nM+NA	0.002025	0.002025	0.003683	0.050625	0.078143	0.14209	0.14209
5nM+NA	-0.10359	-0.10359	-0.02276	0.015626	0.058336	0.113769	0.113769
+NA	-0.0996	-0.0996	-0.07355	0.006943	0.02735	0.083087	0.083087

Oneway Anova

Summary of Fit

Rsquare	0.486075
Adj Rsquare	0.40042
Root Mean Square Error	0.060504
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.10386893	0.020774	5.6748	0.0008 *
Error	30	0.10982031	0.003661		
C. Total	35	0.21368924			

Means for Oneway Anova

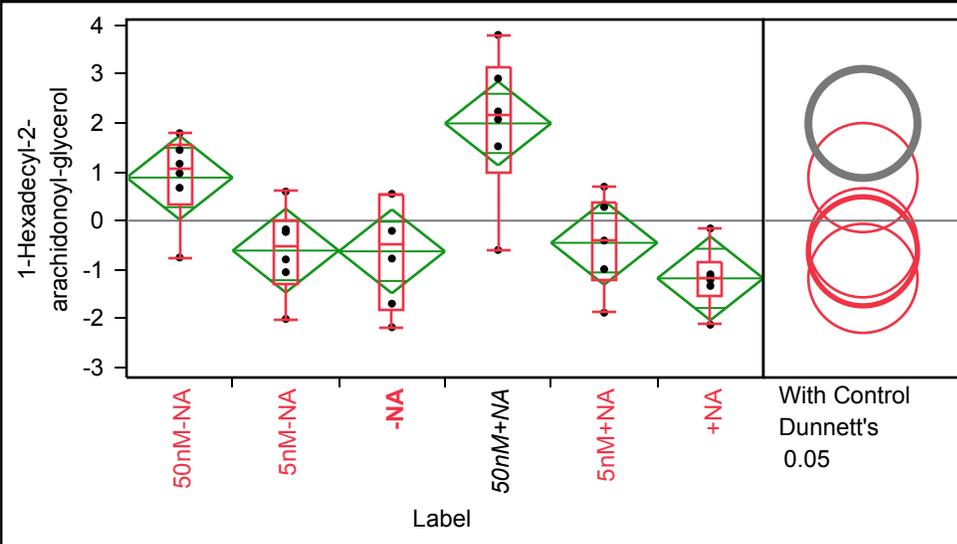
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.07564	0.02470	-0.1261	-0.0252
5nM-NA	6	0.07517	0.02470	0.0247	0.1256
-NA	6	-0.05506	0.02470	-0.1055	-0.0046
50nM+NA	6	0.05107	0.02470	0.00063	0.1015
5nM+NA	6	0.01424	0.02470	-0.0362	0.0647
+NA	6	-0.00979	0.02470	-0.0602	0.0407

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 1-Hexadecyl-2-arachidonoyl-glycerol By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.75173	-0.75173	0.31588	1.065503	1.53032	1.787532	1.787532
5nM-NA	-2.00659	-2.00659	-1.29038	-0.51095	0.01535	0.594904	0.594904
-NA	-2.17586	-2.17586	-1.81476	-0.49051	0.545714	0.54885	0.54885
50nM+NA	-0.5986	-0.5986	0.989672	2.150331	3.125968	3.794784	3.794784
5nM+NA	-1.87873	-1.87873	-1.21245	-0.40833	0.383646	0.692954	0.692954
+NA	-2.1245	-2.1245	-1.52987	-1.17947	-0.86134	-0.15824	-0.15824

Oneway Anova

Summary of Fit

Rsquare	0.573316
Adj Rsquare	0.502202
Root Mean Square Error	1.026488
Mean of Response	8.333e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	42.473310	8.49466	8.0619	<.0001 *
Error	30	31.610313	1.05368		
C. Total	35	74.083623			

Means for Oneway Anova

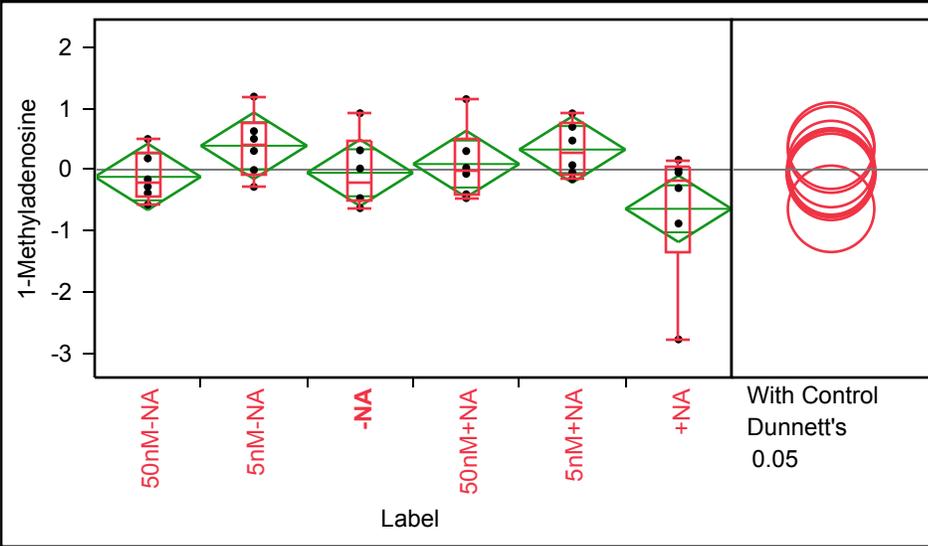
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.8805	0.41906	0.025	1.736
5nM-NA	6	-0.6105	0.41906	-1.466	0.245
-NA	6	-0.6263	0.41906	-1.482	0.230
50nM+NA	6	1.9865	0.41906	1.131	2.842
5nM+NA	6	-0.4520	0.41906	-1.308	0.404
+NA	6	-1.1782	0.41906	-2.034	-0.322

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 1-Methyladenosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.57262	-0.57262	-0.43101	-0.21782	0.262424	0.500071	0.500071
5nM-NA	-0.28172	-0.28172	-0.07517	0.404088	0.769274	1.192352	1.192352
-NA	-0.62935	-0.62935	-0.5088	-0.22373	0.467101	0.921483	0.921483
50nM+NA	-0.46508	-0.46508	-0.41781	-0.01926	0.515246	1.150932	1.150932
5nM+NA	-0.15328	-0.15328	-0.0724	0.273701	0.753904	0.919208	0.919208
+NA	-2.77138	-2.77138	-1.35284	-0.17401	0.040715	0.159188	0.159188

Oneway Anova

Summary of Fit

Rsquare	0.247159
Adj Rsquare	0.121685
Root Mean Square Error	0.650204
Mean of Response	2.78e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.163836	0.832767	1.9698	0.1121
Error	30	12.682969	0.422766		
C. Total	35	16.846805			

Means for Oneway Anova

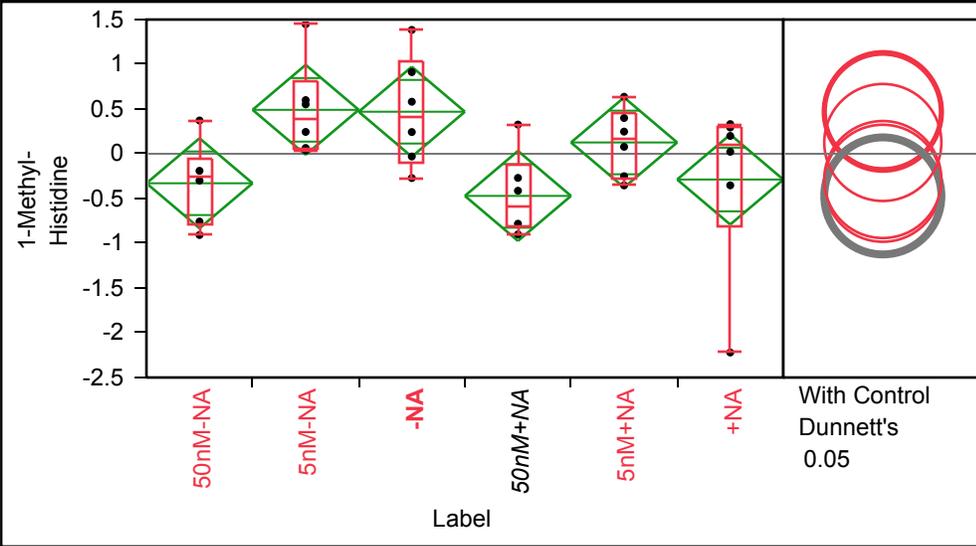
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.11813	0.26544	-0.660	0.4240
5nM-NA	6	0.39012	0.26544	-0.152	0.9322
-NA	6	-0.05138	0.26544	-0.593	0.4907
50nM+NA	6	0.09144	0.26544	-0.451	0.6335
5nM+NA	6	0.32778	0.26544	-0.214	0.8699
+NA	6	-0.63983	0.26544	-1.182	-0.0977

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 1-Methyl-Histidine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.90729	-0.90729	-0.79465	-0.24659	-0.04987	0.371832	0.371832
5nM-NA	0.03814	0.03814	0.058013	0.398363	0.811807	1.44776	1.44776
-NA	-0.27105	-0.27105	-0.09035	0.412185	1.030425	1.384041	1.384041
50nM+NA	-0.90041	-0.90041	-0.81424	-0.59734	-0.12049	0.32622	0.32622
5nM+NA	-0.35303	-0.35303	-0.27623	0.162939	0.459017	0.636851	0.636851
+NA	-2.22052	-2.22052	-0.81953	0.110959	0.303224	0.331671	0.331671

Oneway Anova

Summary of Fit

Rsquare	0.329034
Adj Rsquare	0.217206
Root Mean Square Error	0.602753
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.344907	1.06898	2.9423	0.0281 *
Error	30	10.899353	0.36331		
C. Total	35	16.244260			

Means for Oneway Anova

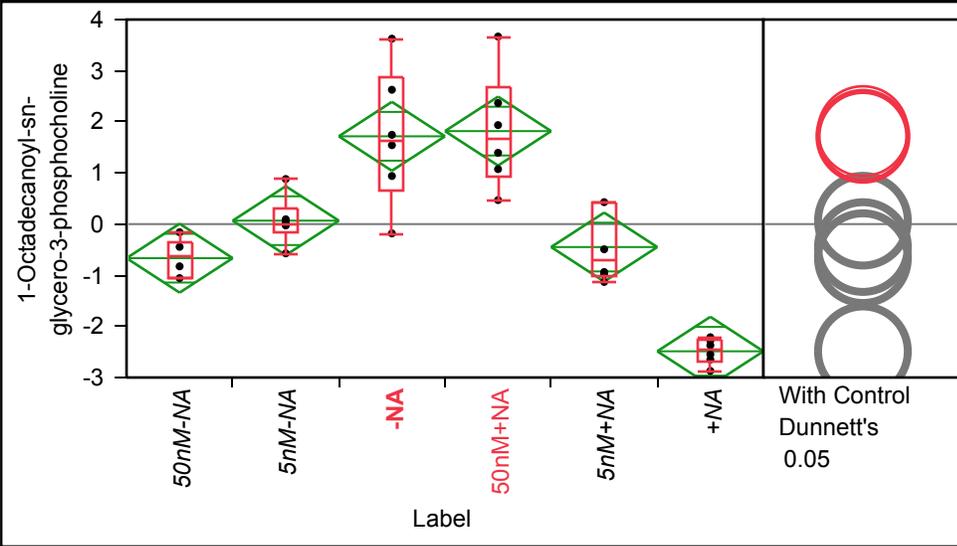
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.32936	0.24607	-0.8319	0.17319
5nM-NA	6	0.49118	0.24607	-0.0114	0.99373
-NA	6	0.46996	0.24607	-0.0326	0.97251
50nM+NA	6	-0.47063	0.24607	-0.9732	0.03192
5nM+NA	6	0.12647	0.24607	-0.3761	0.62902
+NA	6	-0.28762	0.24607	-0.7902	0.21493

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 1-Octadecanoyl-sn-glycero-3-phosphocholine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.06315	-1.06315	-1.05826	-0.63592	-0.37387	-0.15971	-0.15971
5nM-NA	-0.57199	-0.57199	-0.16313	0.012927	0.291024	0.881329	0.881329
-NA	-0.18168	-0.18168	0.660042	1.644728	2.876532	3.626184	3.626184
50nM+NA	0.469931	0.469931	0.923482	1.665239	2.692588	3.667638	3.667638
5nM+NA	-1.13118	-1.13118	-1.02127	-0.71502	0.424549	0.429226	0.429226
+NA	-2.87058	-2.87058	-2.70384	-2.45888	-2.2593	-2.21232	-2.21232

Oneway Anova

Summary of Fit

Rsquare	0.800224
Adj Rsquare	0.766928
Root Mean Square Error	0.808464
Mean of Response	2.78e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	78.543698	15.7087	24.0337	<.0001 *
Error	30	19.608424	0.6536		
C. Total	35	98.152123			

Means for Oneway Anova

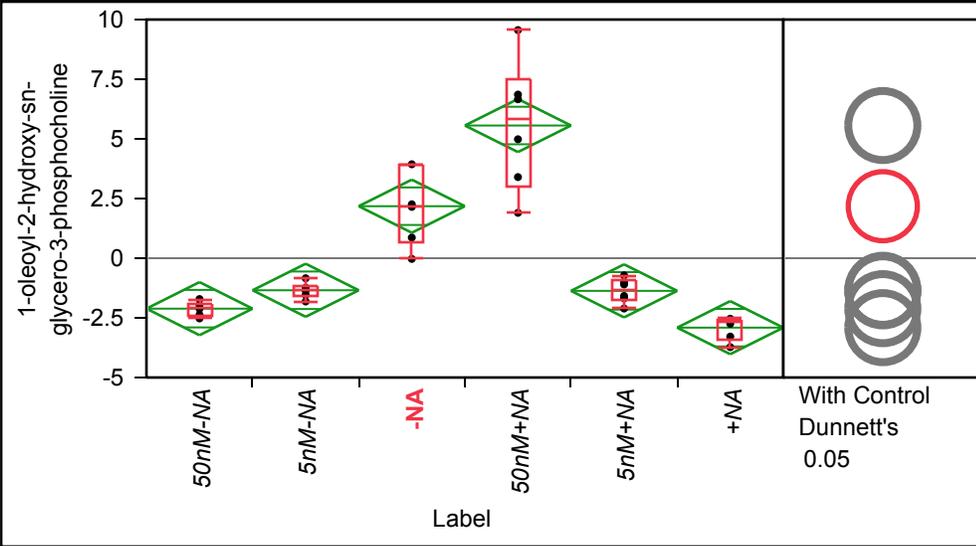
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.6661	0.33005	-1.340	0.00796
5nM-NA	6	0.0671	0.33005	-0.607	0.741
-NA	6	1.7169	0.33005	1.043	2.391
50nM+NA	6	1.8184	0.33005	1.144	2.492
5nM+NA	6	-0.4489	0.33005	-1.123	0.225
+NA	6	-2.4873	0.33005	-3.161	-1.813

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 1-oleoyl-2-hydroxy-sn-glycero-3-phosphocholine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.52389	-2.52389	-2.41175	-2.05805	-1.89999	-1.71279	-1.71279
5nM-NA	-1.81414	-1.81414	-1.606	-1.31592	-1.13889	-0.84171	-0.84171
-NA	-0.03	-0.03	0.640034	2.2034	3.905622	3.935722	3.935722
50nM+NA	1.901309	1.901309	3.024569	5.821837	7.531543	9.558603	9.558603
5nM+NA	-2.10916	-2.10916	-1.78924	-1.34247	-0.94148	-0.72344	-0.72344
+NA	-3.72739	-3.72739	-3.39634	-2.67736	-2.55269	-2.5382	-2.5382

Oneway Anova

Summary of Fit

Rsquare	0.854594
Adj Rsquare	0.830359
Root Mean Square Error	1.33383
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	313.68889	62.7378	35.2637	<.0001 *
Error	30	53.37309	1.7791		
C. Total	35	367.06198			

Means for Oneway Anova

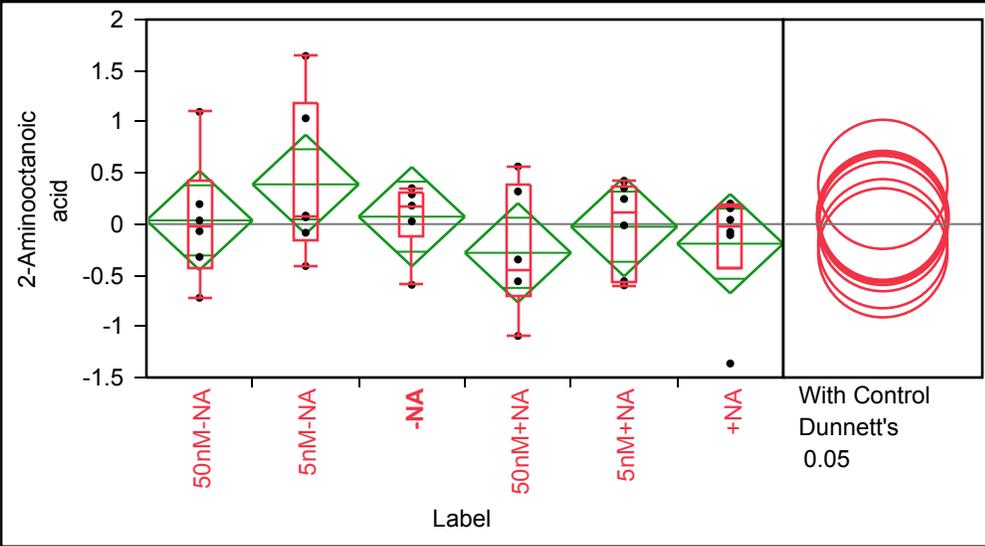
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-2.1149	0.54453	-3.227	-1.003
5nM-NA	6	-1.3437	0.54453	-2.456	-0.232
-NA	6	2.1786	0.54453	1.066	3.291
50nM+NA	6	5.5597	0.54453	4.448	6.672
5nM+NA	6	-1.3691	0.54453	-2.481	-0.257
+NA	6	-2.9106	0.54453	-4.023	-1.799

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 2-Aminooctanoic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.72035	-0.72035	-0.42104	-0.01676	0.42079	1.097218	1.097218
5nM-NA	-0.41027	-0.41027	-0.16585	0.074338	1.186919	1.644153	1.644153
-NA	-0.59373	-0.59373	-0.12804	0.180462	0.305854	0.351042	0.351042
50nM+NA	-1.09324	-1.09324	-0.69947	-0.45267	0.380068	0.563062	0.563062
5nM+NA	-0.59948	-0.59948	-0.56775	0.116462	0.369275	0.417888	0.417888
+NA	-1.36315	-1.36315	-0.42143	-0.01674	0.166099	0.200741	0.200741

Oneway Anova

Summary of Fit

Rsquare	0.139307
Adj Rsquare	-0.00414
Root Mean Square Error	0.581765
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	1.643398	0.328680	0.9711	0.4512
Error	30	10.153532	0.338451		
C. Total	35	11.796930			

Means for Oneway Anova

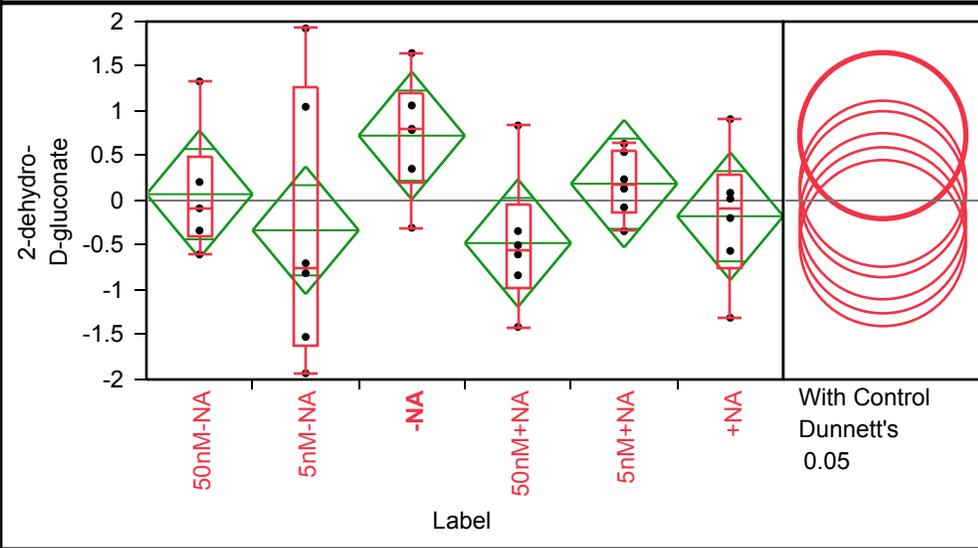
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.03623	0.23750	-0.4488	0.52128
5nM-NA	6	0.38878	0.23750	-0.0963	0.87383
-NA	6	0.07270	0.23750	-0.4123	0.55775
50nM+NA	6	-0.28078	0.23750	-0.7658	0.20427
5nM+NA	6	-0.02546	0.23750	-0.5105	0.45959
+NA	6	-0.19148	0.23750	-0.6765	0.29357

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 2-dehydro-D-gluconate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.60077	-0.60077	-0.4017	-0.08783	0.487689	1.330371	1.330371
5nM-NA	-1.93006	-1.93006	-1.62533	-0.75673	1.266272	1.923214	1.923214
-NA	-0.30407	-0.30407	0.190013	0.7949	1.208738	1.647399	1.647399
50nM+NA	-1.41223	-1.41223	-0.97975	-0.55108	-0.04651	0.838023	0.838023
5nM+NA	-0.34271	-0.34271	-0.14296	0.185077	0.564855	0.634486	0.634486
+NA	-1.30966	-1.30966	-0.74966	-0.08793	0.2922	0.909109	0.909109

Oneway Anova

Summary of Fit

Rsquare	0.203406
Adj Rsquare	0.07064
Root Mean Square Error	0.855186
Mean of Response	-2.5e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.602339	1.12047	1.5321	0.2097
Error	30	21.940303	0.73134		
C. Total	35	27.542642			

Means for Oneway Anova

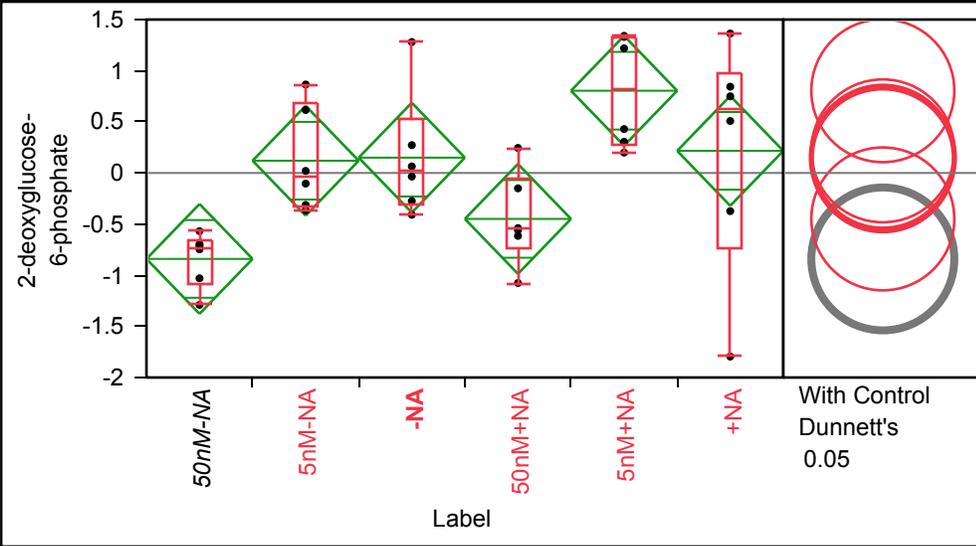
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.07090	0.34913	-0.642	0.7839
5nM-NA	6	-0.33280	0.34913	-1.046	0.3802
-NA	6	0.72506	0.34913	0.012	1.4381
50nM+NA	6	-0.47555	0.34913	-1.189	0.2375
5nM+NA	6	0.18787	0.34913	-0.525	0.9009
+NA	6	-0.17548	0.34913	-0.888	0.5375

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of 2-deoxyglucose-6-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.28966	-1.28966	-1.09506	-0.72976	-0.66296	-0.56902	-0.56902
5nM-NA	-0.3649	-0.3649	-0.32577	-0.04189	0.677897	0.864631	0.864631
-NA	-0.40841	-0.40841	-0.30822	0.01459	0.524095	1.280223	1.280223
50nM+NA	-1.07641	-1.07641	-0.73058	-0.54921	-0.05153	0.244543	0.244543
5nM+NA	0.199542	0.199542	0.278759	0.824308	1.333065	1.340506	1.340506
+NA	-1.79493	-1.79493	-0.72863	0.628978	0.973617	1.363469	1.363469

Oneway Anova

Summary of Fit

Rsquare	0.441323
Adj Rsquare	0.34821
Root Mean Square Error	0.644029
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.829424	1.96588	4.7397	0.0026 *
Error	30	12.443209	0.41477		
C. Total	35	22.272633			

Means for Oneway Anova

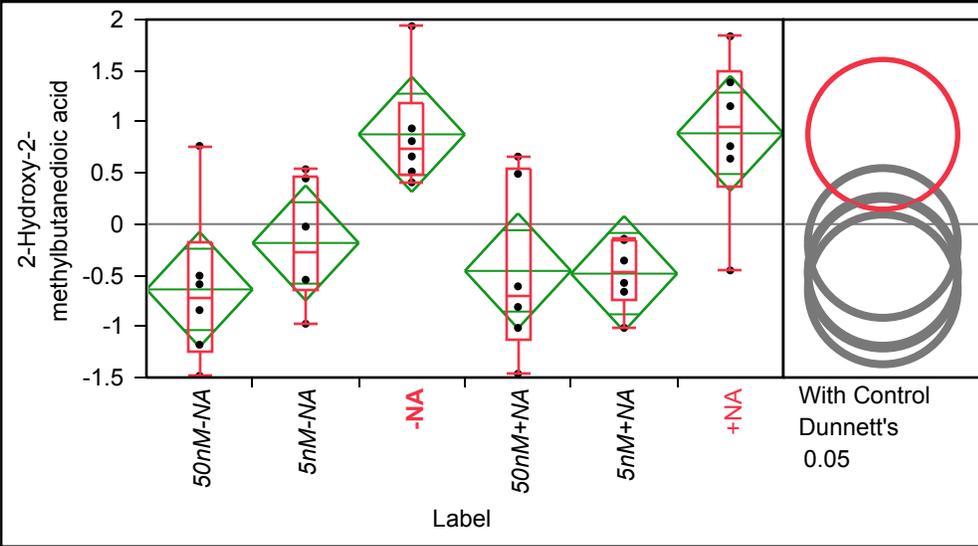
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.84044	0.26292	-1.377	-0.303
5nM-NA	6	0.11981	0.26292	-0.417	0.657
-NA	6	0.14970	0.26292	-0.387	0.687
50nM+NA	6	-0.44930	0.26292	-0.986	0.088
5nM+NA	6	0.80407	0.26292	0.267	1.341
+NA	6	0.21616	0.26292	-0.321	0.753

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 2-Hydroxy-2-methylbutanedioic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.48285	-1.48285	-1.25534	-0.71477	-0.18727	0.764637	0.764637
5nM-NA	-0.97433	-0.97433	-0.65242	-0.28465	0.469082	0.536051	0.536051
-NA	0.408084	0.408084	0.487222	0.736287	1.185382	1.935237	1.935237
50nM+NA	-1.46276	-1.46276	-1.12674	-0.70973	0.533529	0.659715	0.659715
5nM+NA	-1.01364	-1.01364	-0.74963	-0.46587	-0.15264	-0.14367	-0.14367
+NA	-0.45251	-0.45251	0.366659	0.957737	1.498541	1.836291	1.836291

Oneway Anova

Summary of Fit

Rsquare	0.517708
Adj Rsquare	0.437326
Root Mean Square Error	0.674737
Mean of Response	-1.11e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	14.661036	2.93221	6.4406	0.0004 *
Error	30	13.658088	0.45527		
C. Total	35	28.319124			

Means for Oneway Anova

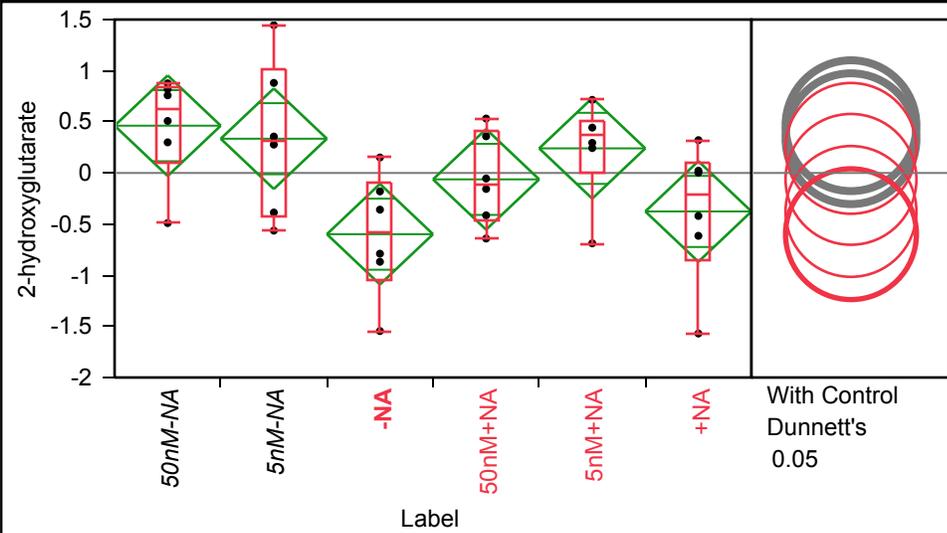
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.63864	0.27546	-1.201	-0.076
5nM-NA	6	-0.18432	0.27546	-0.747	0.378
-NA	6	0.87749	0.27546	0.315	1.440
50nM+NA	6	-0.45763	0.27546	-1.020	0.105
5nM+NA	6	-0.48439	0.27546	-1.047	0.078
+NA	6	0.88749	0.27546	0.325	1.450

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 2-hydroxyglutarate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.49002	-0.49002	0.101943	0.633754	0.834007	0.876246	0.876246
5nM-NA	-0.5636	-0.5636	-0.43103	0.316745	1.021839	1.445551	1.445551
-NA	-1.54564	-1.54564	-1.03794	-0.57408	-0.09736	0.150921	0.150921
50nM+NA	-0.64098	-0.64098	-0.47111	-0.10527	0.401857	0.531968	0.531968
5nM+NA	-0.68772	-0.68772	0.01054	0.364878	0.511249	0.7145	0.7145
+NA	-1.5698	-1.5698	-0.85327	-0.20837	0.096677	0.320781	0.320781

Oneway Anova

Summary of Fit

Rsquare	0.338092
Adj Rsquare	0.227774
Root Mean Square Error	0.589496
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.325017	1.06500	3.0647	0.0237 *
Error	30	10.425175	0.34751		
C. Total	35	15.750193			

Means for Oneway Anova

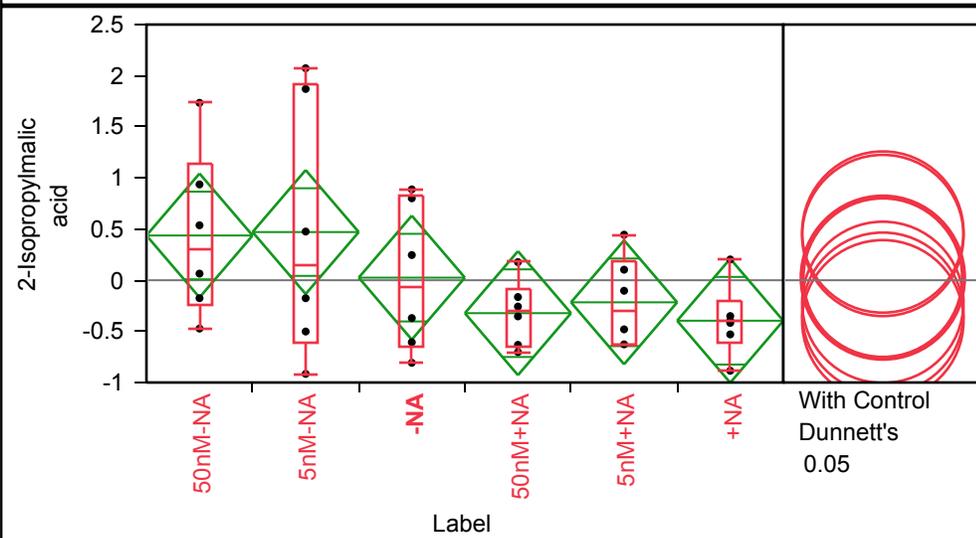
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.46215	0.24066	-0.029	0.9536
5nM-NA	6	0.33487	0.24066	-0.157	0.8264
-NA	6	-0.59862	0.24066	-1.090	-0.1071
50nM+NA	6	-0.06259	0.24066	-0.554	0.4289
5nM+NA	6	0.24055	0.24066	-0.251	0.7320
+NA	6	-0.37637	0.24066	-0.868	0.1151

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 2-Isopropylmalic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.47261	-0.47261	-0.2498	0.300859	1.136352	1.734583	1.734583
5nM-NA	-0.91544	-0.91544	-0.60498	0.150109	1.920846	2.072873	2.072873
-NA	-0.80713	-0.80713	-0.65666	-0.06184	0.822969	0.888124	0.888124
50nM+NA	-0.70253	-0.70253	-0.64955	-0.30547	-0.07886	0.177279	0.177279
5nM+NA	-0.6338	-0.6338	-0.62873	-0.29164	0.188647	0.445353	0.445353
+NA	-0.88503	-0.88503	-0.61844	-0.40681	-0.21206	0.203249	0.203249

Oneway Anova

Summary of Fit

Rsquare	0.214504
Adj Rsquare	0.083588
Root Mean Square Error	0.726699
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.326360	0.865272	1.6385	0.1802
Error	30	15.842754	0.528092		
C. Total	35	20.169114			

Means for Oneway Anova

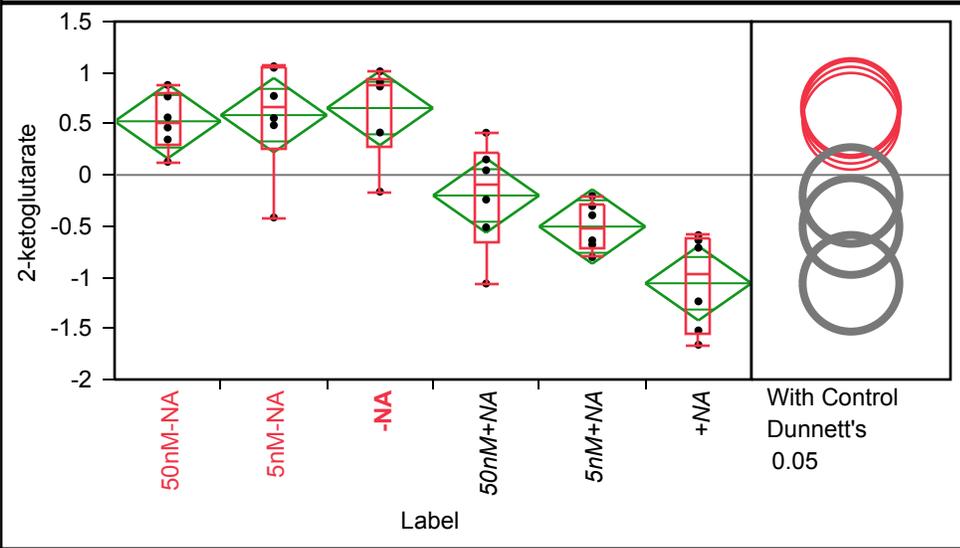
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.43752	0.29667	-0.168	1.0434
5nM-NA	6	0.47106	0.29667	-0.135	1.0769
-NA	6	0.02534	0.29667	-0.581	0.6312
50nM+NA	6	-0.32206	0.29667	-0.928	0.2838
5nM+NA	6	-0.21595	0.29667	-0.822	0.3899
+NA	6	-0.39591	0.29667	-1.002	0.2100

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 2-ketoglutarate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.128982	0.128982	0.292164	0.513335	0.795199	0.879979	0.879979
5nM-NA	-0.41587	-0.41587	0.260855	0.664277	1.051997	1.062897	1.062897
-NA	-0.16343	-0.16343	0.270493	0.873766	0.937905	1.013418	1.013418
50nM+NA	-1.06157	-1.06157	-0.64938	-0.09769	0.21705	0.412934	0.412934
5nM+NA	-0.80339	-0.80339	-0.71149	-0.51648	-0.27969	-0.20427	-0.20427
+NA	-1.66045	-1.66045	-1.55535	-0.97373	-0.6256	-0.58801	-0.58801

Oneway Anova

Summary of Fit

Rsquare	0.72177
Adj Rsquare	0.675399
Root Mean Square Error	0.435681
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	14.772491	2.95450	15.5649	<.0001 *
Error	30	5.694533	0.18982		
C. Total	35	20.467024			

Means for Oneway Anova

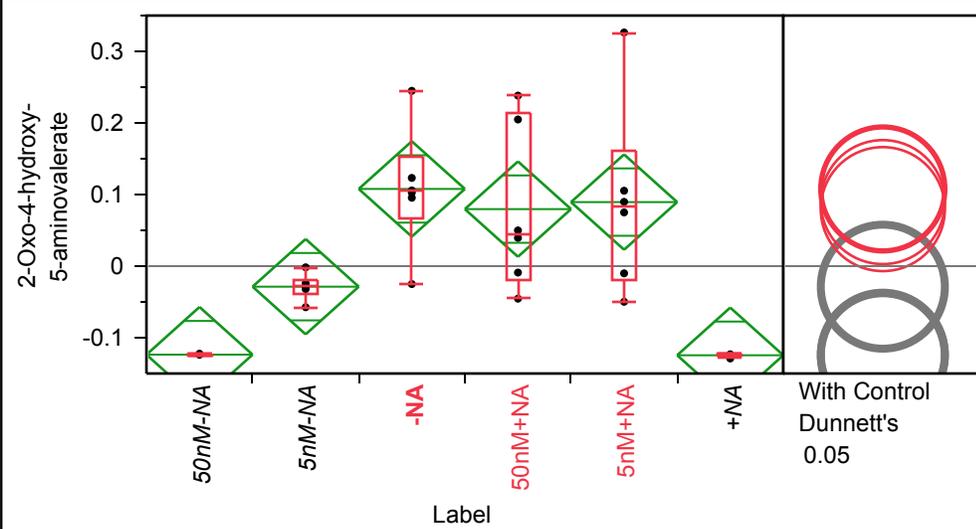
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.5249	0.17787	0.162	0.888
5nM-NA	6	0.5851	0.17787	0.222	0.948
-NA	6	0.6542	0.17787	0.291	1.017
50nM+NA	6	-0.2007	0.17787	-0.564	0.163
5nM+NA	6	-0.5044	0.17787	-0.868	-0.141
+NA	6	-1.0591	0.17787	-1.422	-0.696

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 2-Oxo-4-hydroxy-5-aminovalerate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.12441	-0.12441	-0.12416	-0.12388	-0.12307	-0.12235	-0.12235
5nM-NA	-0.05741	-0.05741	-0.03838	-0.02859	-0.01842	-0.00168	-0.00168
-NA	-0.02507	-0.02507	0.065361	0.104178	0.153622	0.244839	0.244839
50nM+NA	-0.04546	-0.04546	-0.01812	0.044654	0.213157	0.238159	0.238159
5nM+NA	-0.04981	-0.04981	-0.02001	0.082395	0.16057	0.326361	0.326361
+NA	-0.129	-0.129	-0.12585	-0.12337	-0.12324	-0.12319	-0.12319

Oneway Anova

Summary of Fit

Rsquare	0.643757
Adj Rsquare	0.584383
Root Mean Square Error	0.079827
Mean of Response	3.08e-18
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.34545608	0.069091	10.8424	<.0001 *
Error	30	0.19116869	0.006372		
C. Total	35	0.53662477			

Means for Oneway Anova

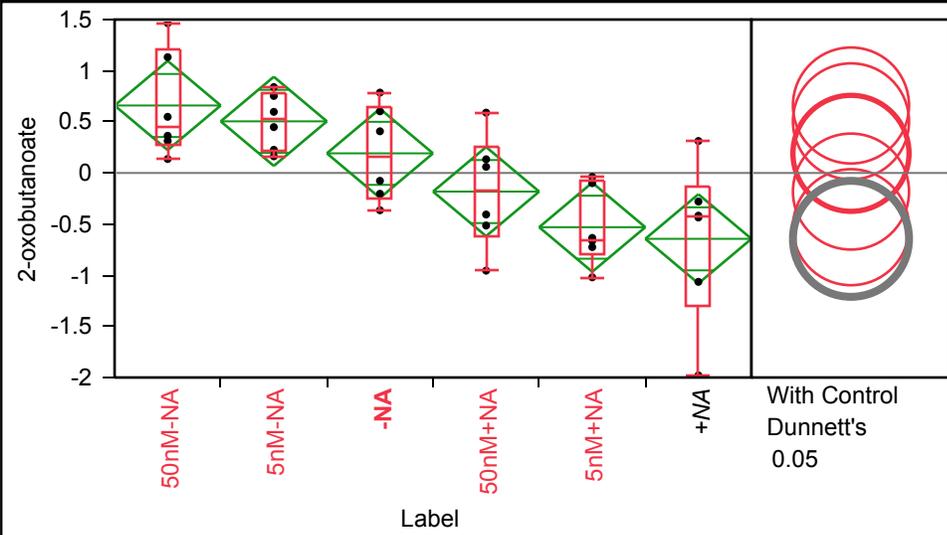
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.12365	0.03259	-0.1902	-0.0571
5nM-NA	6	-0.02872	0.03259	-0.0953	0.0378
-NA	6	0.10781	0.03259	0.0413	0.1744
50nM+NA	6	0.07964	0.03259	0.0131	0.1462
5nM+NA	6	0.08943	0.03259	0.0229	0.1560
+NA	6	-0.12450	0.03259	-0.1911	-0.0579

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 2-oxobutanoate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.136511	0.136511	0.269092	0.456175	1.21537	1.464117	1.464117
5nM-NA	0.162949	0.162949	0.210347	0.522992	0.774793	0.839897	0.839897
-NA	-0.36441	-0.36441	-0.24358	0.165318	0.648469	0.785597	0.785597
50nM+NA	-0.95511	-0.95511	-0.62434	-0.17318	0.247768	0.589833	0.589833
5nM+NA	-1.02042	-1.02042	-0.7986	-0.6494	-0.0842	-0.03843	-0.03843
+NA	-1.9795	-1.9795	-1.29347	-0.42646	-0.1316	0.312532	0.312532

Oneway Anova

Summary of Fit

Rsquare	0.515823
Adj Rsquare	0.435126
Root Mean Square Error	0.52281
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	8.735857	1.74717	6.3922	0.0004 *
Error	30	8.199919	0.27333		
C. Total	35	16.935776			

Means for Oneway Anova

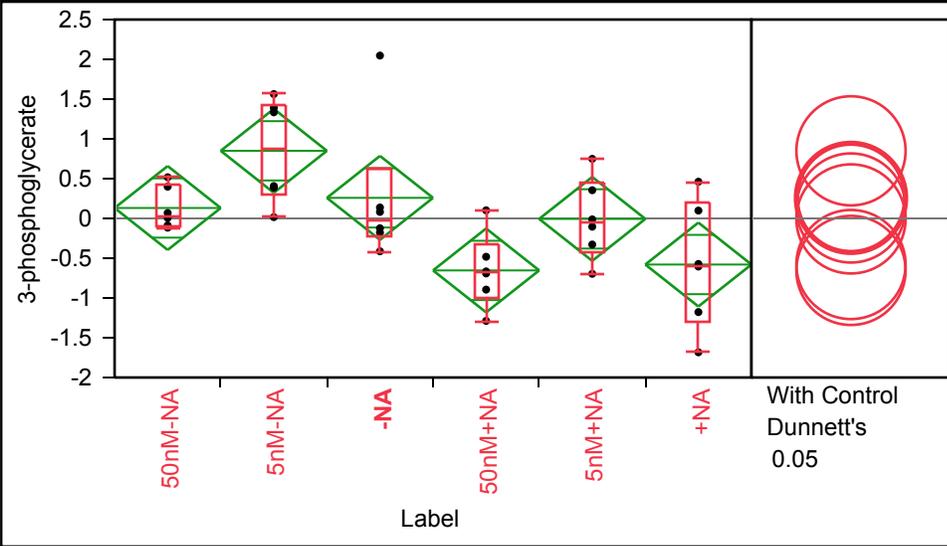
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.65979	0.21344	0.224	1.096
5nM-NA	6	0.50468	0.21344	0.069	0.941
-NA	6	0.19188	0.21344	-0.244	0.628
50nM+NA	6	-0.18199	0.21344	-0.618	0.254
5nM+NA	6	-0.53029	0.21344	-0.966	-0.094
+NA	6	-0.64406	0.21344	-1.080	-0.208

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 3-phosphoglycerate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.11627	-0.11627	-0.09452	0.037201	0.428484	0.517465	0.517465
5nM-NA	0.016316	0.016316	0.294981	0.870428	1.433625	1.563337	1.563337
-NA	-0.413	-0.413	-0.23703	-0.02107	0.614816	2.047001	2.047001
50nM+NA	-1.28828	-1.28828	-0.99321	-0.67909	-0.33635	0.101817	0.101817
5nM+NA	-0.6961	-0.6961	-0.42013	-0.05787	0.453087	0.748826	0.748826
+NA	-1.68329	-1.68329	-1.30401	-0.58875	0.189314	0.461515	0.461515

Oneway Anova

Summary of Fit

Rsquare	0.439828
Adj Rsquare	0.346466
Root Mean Square Error	0.632296
Mean of Response	1.11e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.417239	1.88345	4.7110	0.0027 *
Error	30	11.993952	0.39980		
C. Total	35	21.411191			

Means for Oneway Anova

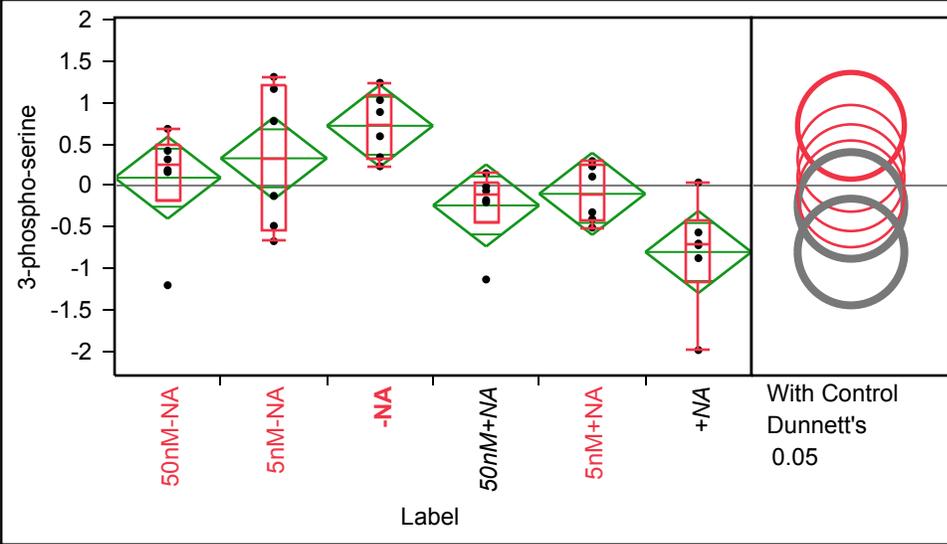
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.13119	0.25813	-0.396	0.658
5nM-NA	6	0.84979	0.25813	0.323	1.377
-NA	6	0.25849	0.25813	-0.269	0.786
50nM+NA	6	-0.65365	0.25813	-1.181	-0.126
5nM+NA	6	-0.00611	0.25813	-0.533	0.521
+NA	6	-0.57971	0.25813	-1.107	-0.053

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of 3-phospho-serine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.20211	-1.20211	-0.1796	0.250815	0.485202	0.683513	0.683513
5nM-NA	-0.67114	-0.67114	-0.53239	0.325432	1.200464	1.309678	1.309678
-NA	0.231335	0.231335	0.314278	0.739725	1.08177	1.238625	1.238625
50nM+NA	-1.1329	-1.1329	-0.43459	-0.12013	0.026349	0.148617	0.148617
5nM+NA	-0.50715	-0.50715	-0.43019	-0.10761	0.246504	0.294967	0.294967
+NA	-1.98417	-1.98417	-1.15304	-0.70979	-0.41538	0.036666	0.036666

Oneway Anova

Summary of Fit

Rsquare	0.433551
Adj Rsquare	0.339143
Root Mean Square Error	0.592856
Mean of Response	-1.39e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	8.070477	1.61410	4.5923	0.0031 *
Error	30	10.544344	0.35148		
C. Total	35	18.614822			

Means for Oneway Anova

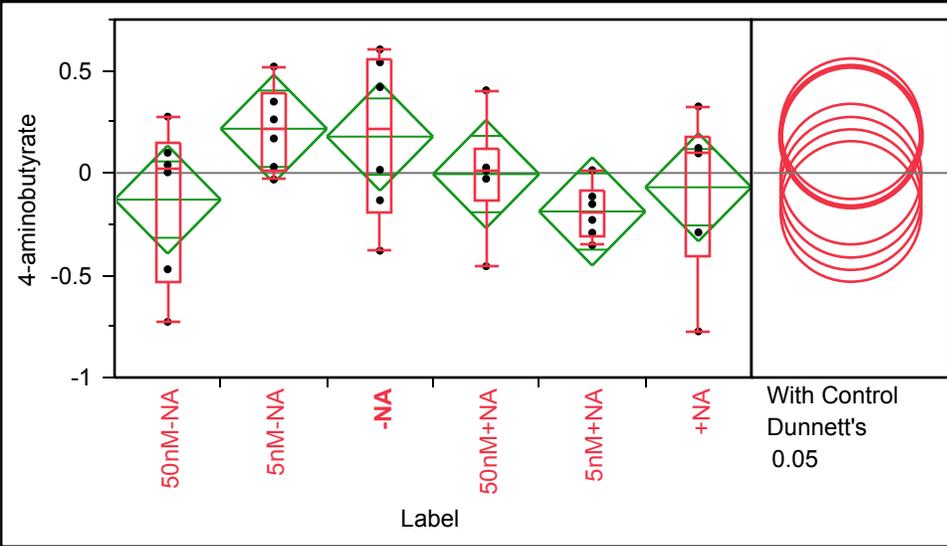
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.09390	0.24203	-0.400	0.588
5nM-NA	6	0.32789	0.24203	-0.166	0.822
-NA	6	0.72014	0.24203	0.226	1.214
50nM+NA	6	-0.24013	0.24203	-0.734	0.254
5nM+NA	6	-0.10027	0.24203	-0.595	0.394
+NA	6	-0.80152	0.24203	-1.296	-0.307

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of 4-aminobutyrate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.72781	-0.72781	-0.53511	0.021487	0.142881	0.275201	0.275201
5nM-NA	-0.03173	-0.03173	0.014503	0.215073	0.391579	0.520172	0.520172
-NA	-0.38006	-0.38006	-0.19531	0.217374	0.556699	0.604051	0.604051
50nM+NA	-0.45593	-0.45593	-0.13537	0.010233	0.120878	0.404299	0.404299
5nM+NA	-0.35344	-0.35344	-0.30746	-0.19085	-0.08297	0.01349	0.01349
+NA	-0.77441	-0.77441	-0.4114	0.099078	0.172963	0.325228	0.325228

Oneway Anova

Summary of Fit

Rsquare	0.212844
Adj Rsquare	0.081651
Root Mean Square Error	0.316691
Mean of Response	-5.6e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.8135673	0.162713	1.6224	0.1844
Error	30	3.0088008	0.100293		
C. Total	35	3.8223681			

Means for Oneway Anova

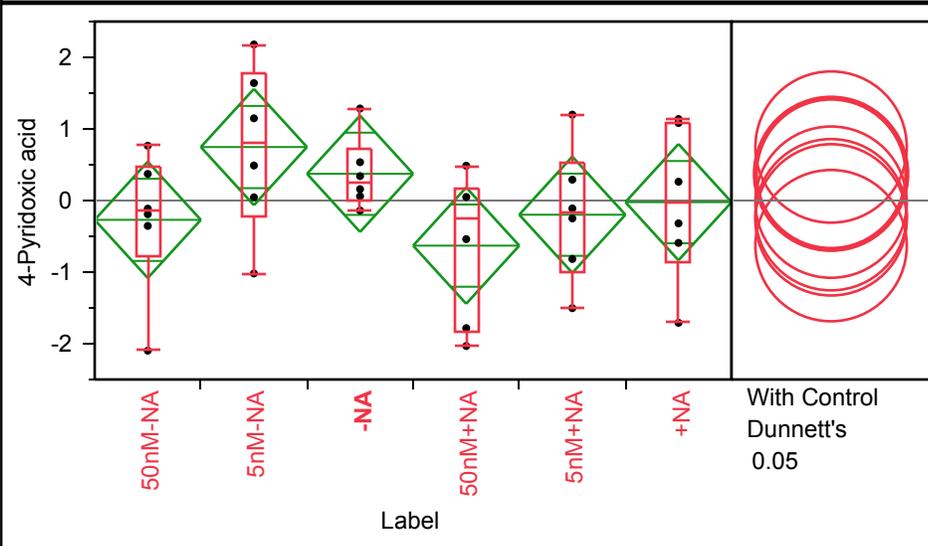
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.13029	0.12929	-0.3943	0.13375
5nM-NA	6	0.21620	0.12929	-0.0478	0.48025
-NA	6	0.17766	0.12929	-0.0864	0.44170
50nM+NA	6	-0.00555	0.12929	-0.2696	0.25850
5nM+NA	6	-0.18815	0.12929	-0.4522	0.07589
+NA	6	-0.06987	0.12929	-0.3339	0.19417

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 4-Pyridoxic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.09668	-2.09668	-0.78998	-0.15234	0.470133	0.765591	0.765591
5nM-NA	-1.0189	-1.0189	-0.22111	0.818525	1.775289	2.179573	2.179573
-NA	-0.13966	-0.13966	0.009428	0.250177	0.722824	1.285486	1.285486
50nM+NA	-2.03149	-2.03149	-1.8446	-0.25094	0.158566	0.485773	0.485773
5nM+NA	-1.50358	-1.50358	-0.98838	-0.18016	0.518195	1.199578	1.199578
+NA	-1.70761	-1.70761	-0.87079	-0.02825	1.09678	1.138162	1.138162

Oneway Anova

Summary of Fit

Rsquare	0.202891
Adj Rsquare	0.07004
Root Mean Square Error	0.973983
Mean of Response	-1.9e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	7.243848	1.44877	1.5272	0.2111
Error	30	28.459264	0.94864		
C. Total	35	35.703113			

Means for Oneway Anova

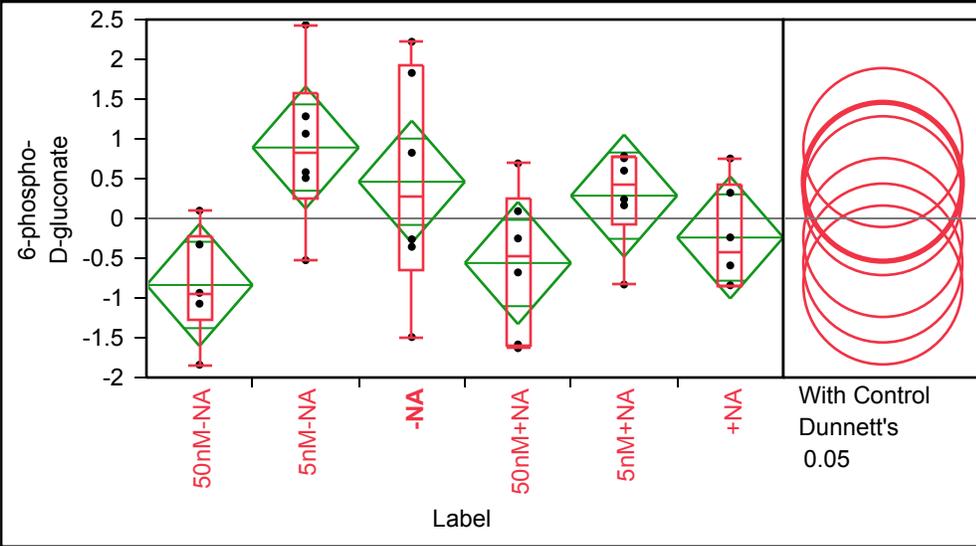
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.26976	0.39763	-1.082	0.5423
5nM-NA	6	0.74718	0.39763	-0.065	1.5592
-NA	6	0.37343	0.39763	-0.439	1.1855
50nM+NA	6	-0.63006	0.39763	-1.442	0.1820
5nM+NA	6	-0.19832	0.39763	-1.010	0.6137
+NA	6	-0.02247	0.39763	-0.835	0.7896

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 6-phospho-D-gluconate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.83954	-1.83954	-1.26393	-0.93907	-0.22174	0.097472	0.097472
5nM-NA	-0.5255	-0.5255	0.249468	0.8234	1.570698	2.433183	2.433183
-NA	-1.49187	-1.49187	-0.64058	0.281691	1.926964	2.221025	2.221025
50nM+NA	-1.63105	-1.63105	-1.59637	-0.46518	0.241328	0.691366	0.691366
5nM+NA	-0.83109	-0.83109	-0.08451	0.420821	0.763483	0.784206	0.784206
+NA	-0.84769	-0.84769	-0.84221	-0.41484	0.430294	0.753209	0.753209

Oneway Anova

Summary of Fit

Rsquare	0.33768
Adj Rsquare	0.227293
Root Mean Square Error	0.920488
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	12.959677	2.59194	3.0591	0.0239 *
Error	30	25.418932	0.84730		
C. Total	35	38.378608			

Means for Oneway Anova

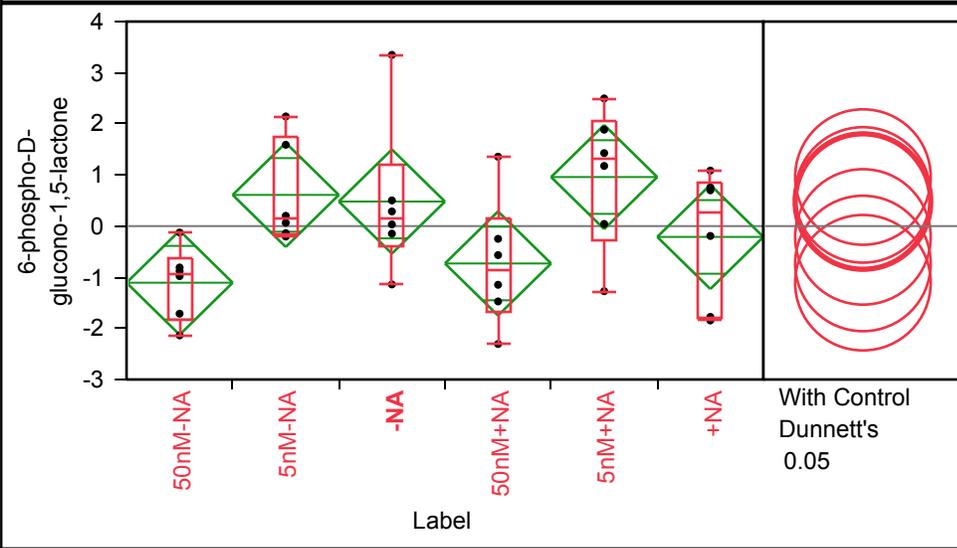
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.83673	0.37579	-1.604	-0.069
5nM-NA	6	0.89091	0.37579	0.123	1.658
-NA	6	0.46078	0.37579	-0.307	1.228
50nM+NA	6	-0.56059	0.37579	-1.328	0.207
5nM+NA	6	0.28595	0.37579	-0.482	1.053
+NA	6	-0.24031	0.37579	-1.008	0.527

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of 6-phospho-D-glucono-1,5-lactone By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.13711	-2.13711	-1.81884	-0.92865	-0.63815	-0.12513	-0.12513
5nM-NA	-0.20387	-0.20387	-0.15473	0.133062	1.72876	2.144123	2.144123
-NA	-1.14043	-1.14043	-0.3954	0.159516	1.21373	3.347747	3.347747
50nM+NA	-2.30485	-2.30485	-1.68085	-0.85736	0.152372	1.356705	1.356705
5nM+NA	-1.27281	-1.27281	-0.28658	1.301995	2.03819	2.496518	2.496518
+NA	-1.84528	-1.84528	-1.79275	0.253843	0.840071	1.085525	1.085525

Oneway Anova

Summary of Fit

Rsquare	0.308547
Adj Rsquare	0.193305
Root Mean Square Error	1.221051
Mean of Response	-3.1e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	19.959405	3.99188	2.6774	0.0408 *
Error	30	44.728993	1.49097		
C. Total	35	64.688398			

Means for Oneway Anova

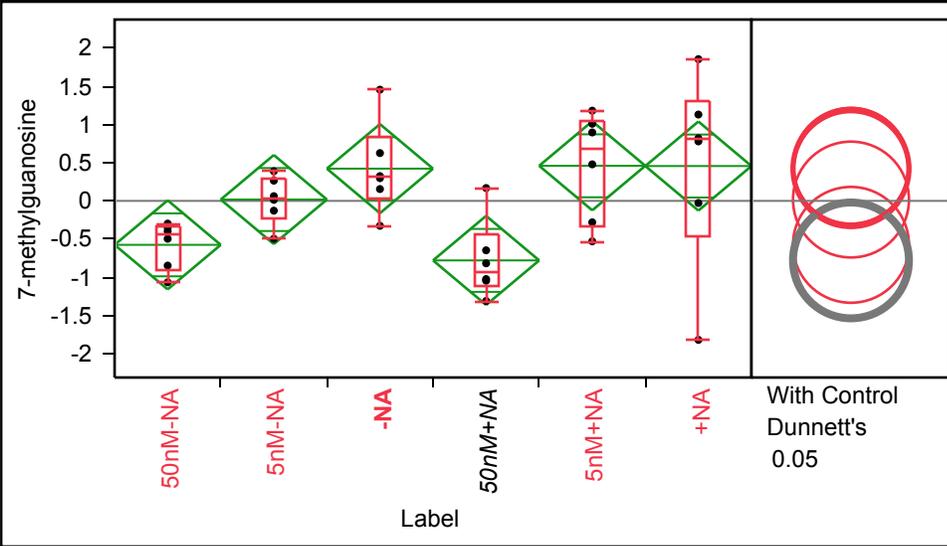
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.1069	0.49849	-2.125	-0.089
5nM-NA	6	0.6097	0.49849	-0.408	1.628
-NA	6	0.4803	0.49849	-0.538	1.498
50nM+NA	6	-0.7308	0.49849	-1.749	0.287
5nM+NA	6	0.9592	0.49849	-0.059	1.977
+NA	6	-0.2115	0.49849	-1.230	0.807

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 7-methylguanosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.06775	-1.06775	-0.90331	-0.44752	-0.33656	-0.29791	-0.29791
5nM-NA	-0.4967	-0.4967	-0.22045	0.0379	0.296151	0.389088	0.389088
-NA	-0.32675	-0.32675	0.034621	0.311469	0.834644	1.45811	1.45811
50nM+NA	-1.31248	-1.31248	-1.1134	-0.92198	-0.44405	0.168313	0.168313
5nM+NA	-0.53041	-0.53041	-0.3433	0.688308	1.054113	1.182878	1.182878
+NA	-1.82244	-1.82244	-0.47633	0.800548	1.313654	1.858333	1.858333

Oneway Anova

Summary of Fit

Rsquare	0.385926
Adj Rsquare	0.283581
Root Mean Square Error	0.700239
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.244811	1.84896	3.7708	0.0091 *
Error	30	14.710041	0.49033		
C. Total	35	23.954852			

Means for Oneway Anova

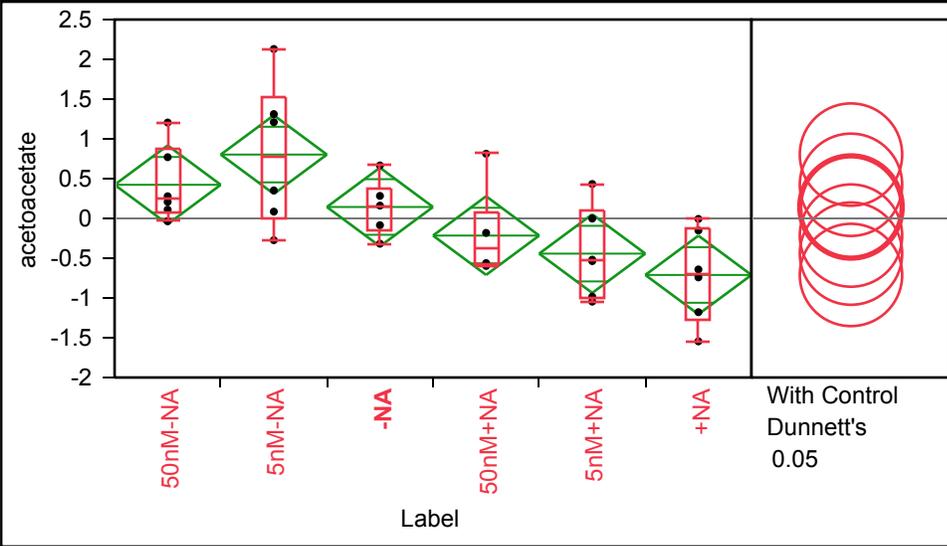
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.57644	0.28587	-1.160	0.00739
5nM-NA	6	0.01750	0.28587	-0.566	0.601
-NA	6	0.42270	0.28587	-0.161	1.007
50nM+NA	6	-0.78056	0.28587	-1.364	-0.197
5nM+NA	6	0.45989	0.28587	-0.124	1.044
+NA	6	0.45691	0.28587	-0.127	1.041

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of acetoacetate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.03569	-0.03569	0.074264	0.243195	0.878597	1.205337	1.205337
5nM-NA	-0.27308	-0.27308	-0.00449	0.78114	1.516133	2.129953	2.129953
-NA	-0.31787	-0.31787	-0.14342	0.157949	0.379028	0.666075	0.666075
50nM+NA	-0.59755	-0.59755	-0.57936	-0.37716	0.066705	0.812989	0.812989
5nM+NA	-1.04604	-1.04604	-0.99947	-0.5279	0.106561	0.4325	0.4325
+NA	-1.54537	-1.54537	-1.2705	-0.69131	-0.11534	-0.00637	-0.00637

Oneway Anova

Summary of Fit

Rsquare	0.475246
Adj Rsquare	0.387787
Root Mean Square Error	0.592791
Mean of Response	5.56e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.547441	1.90949	5.4339	0.0011 *
Error	30	10.542044	0.35140		
C. Total	35	20.089485			

Means for Oneway Anova

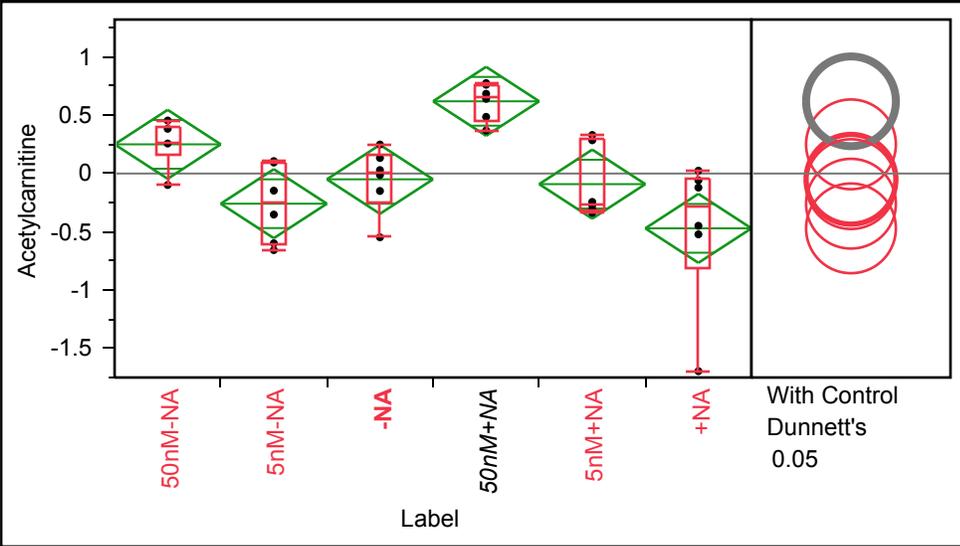
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.42277	0.24201	-0.071	0.917
5nM-NA	6	0.80262	0.24201	0.308	1.297
-NA	6	0.14370	0.24201	-0.351	0.638
50nM+NA	6	-0.21571	0.24201	-0.710	0.279
5nM+NA	6	-0.44256	0.24201	-0.937	0.052
+NA	6	-0.71082	0.24201	-1.205	-0.217

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Acetylcarnitine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.09849	-0.09849	0.162544	0.256481	0.401422	0.454408	0.454408
5nM-NA	-0.65681	-0.65681	-0.61309	-0.2496	0.09747	0.106517	0.106517
-NA	-0.54722	-0.54722	-0.24907	0.008503	0.162	0.248556	0.248556
50nM+NA	0.368979	0.368979	0.45669	0.662367	0.765262	0.775754	0.775754
5nM+NA	-0.33761	-0.33761	-0.31625	-0.25767	0.296632	0.33058	0.33058
+NA	-1.69575	-1.69575	-0.81534	-0.28451	-0.03812	0.024084	0.024084

Oneway Anova

Summary of Fit

Rsquare	0.542182
Adj Rsquare	0.465879
Root Mean Square Error	0.354804
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.4724954	0.894499	7.1057	0.0002 *
Error	30	3.7765682	0.125886		
C. Total	35	8.2490637			

Means for Oneway Anova

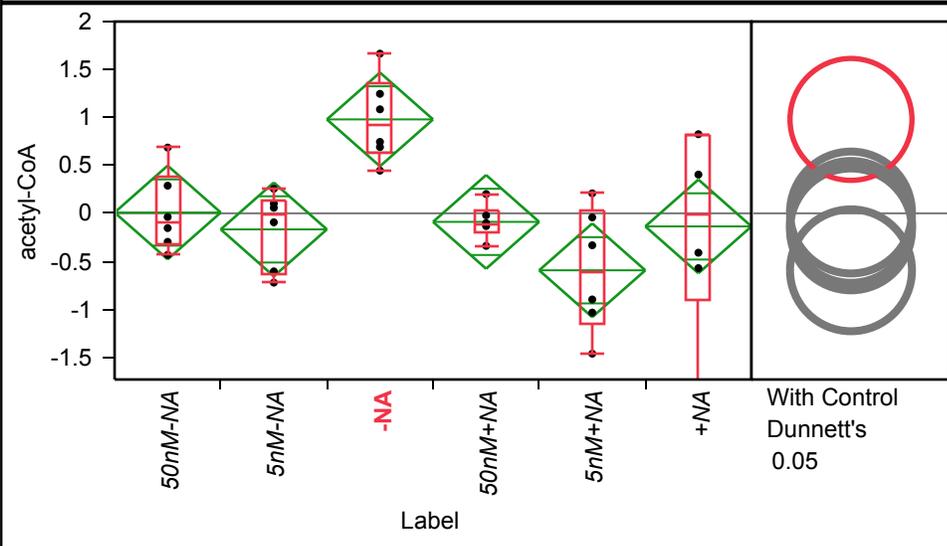
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.25037	0.14485	-0.0455	0.5462
5nM-NA	6	-0.25893	0.14485	-0.5547	0.0369
-NA	6	-0.04970	0.14485	-0.3455	0.2461
50nM+NA	6	0.61953	0.14485	0.3237	0.9153
5nM+NA	6	-0.09103	0.14485	-0.3868	0.2048
+NA	6	-0.47023	0.14485	-0.7661	-0.1744

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of acetyl-CoA By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.43338	-0.43338	-0.33154	-0.09612	0.387605	0.685471	0.685471
5nM-NA	-0.72285	-0.72285	-0.63503	-0.01813	0.140952	0.256186	0.256186
-NA	0.445089	0.445089	0.629514	0.914786	1.350688	1.665058	1.665058
50nM+NA	-0.3395	-0.3395	-0.1905	-0.11759	0.034405	0.201147	0.201147
5nM+NA	-1.46387	-1.46387	-1.14238	-0.61604	0.020031	0.208098	0.208098
+NA	-1.88359	-1.88359	-0.89974	-0.00355	0.819459	0.825145	0.825145

Oneway Anova

Summary of Fit

Rsquare	0.443389
Adj Rsquare	0.35062
Root Mean Square Error	0.585908
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	8.203755	1.64075	4.7795	0.0025 *
Error	30	10.298640	0.34329		
C. Total	35	18.502395			

Means for Oneway Anova

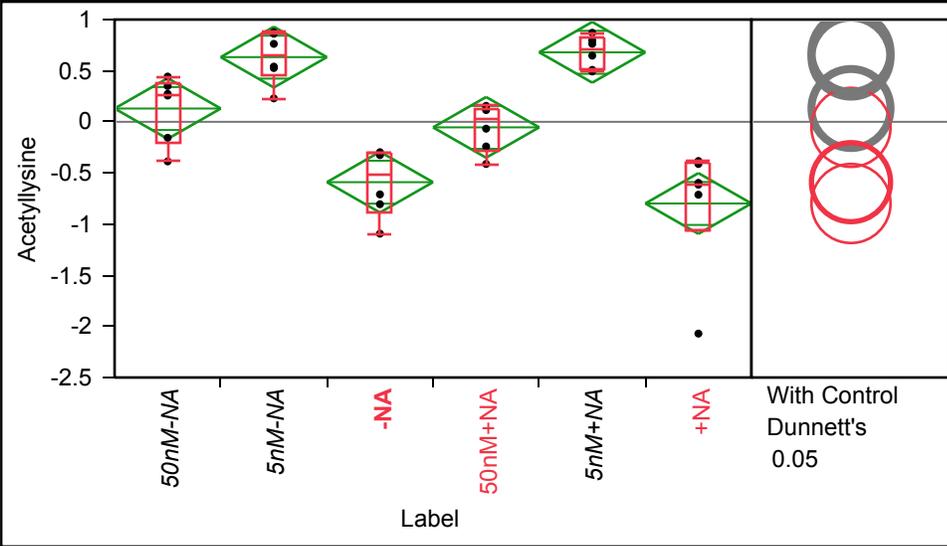
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.00843	0.23920	-0.480	0.497
5nM-NA	6	-0.16769	0.23920	-0.656	0.321
-NA	6	0.97943	0.23920	0.491	1.468
50nM+NA	6	-0.08926	0.23920	-0.578	0.399
5nM+NA	6	-0.59429	0.23920	-1.083	-0.106
+NA	6	-0.13663	0.23920	-0.625	0.352

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Acetyllysine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.38694	-0.38694	-0.21368	0.265195	0.373401	0.442474	0.442474
5nM-NA	0.229527	0.229527	0.451838	0.65107	0.86542	0.876003	0.876003
-NA	-1.09332	-1.09332	-0.87756	-0.51737	-0.30672	-0.29681	-0.29681
50nM+NA	-0.41205	-0.41205	-0.28384	0.023745	0.13298	0.155985	0.155985
5nM+NA	0.492905	0.492905	0.504225	0.704768	0.815861	0.870952	0.870952
+NA	-2.07068	-2.07068	-1.0521	-0.60576	-0.40476	-0.38314	-0.38314

Oneway Anova

Summary of Fit

Rsquare	0.746537
Adj Rsquare	0.704294
Root Mean Square Error	0.356118
Mean of Response	8.33e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	11.205929	2.24119	17.6721	<.0001 *
Error	30	3.804610	0.12682		
C. Total	35	15.010539			

Means for Oneway Anova

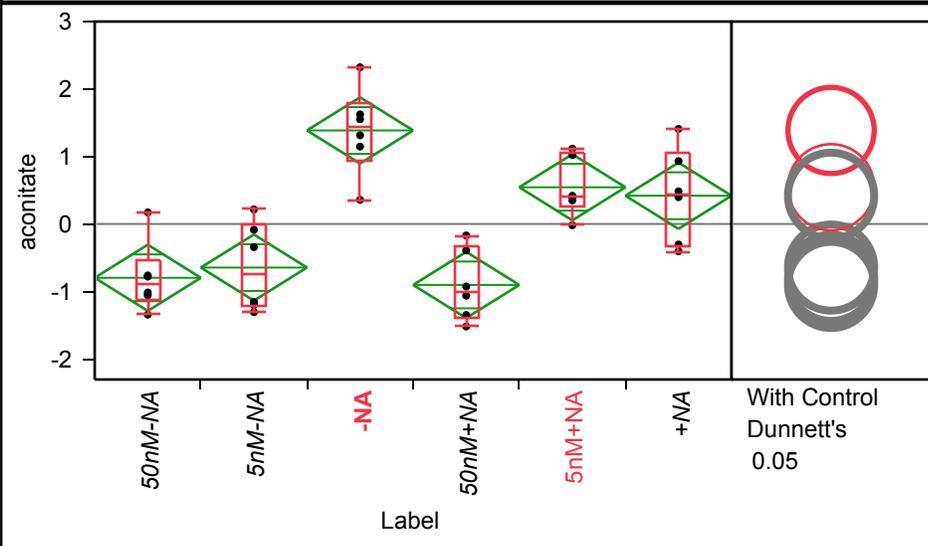
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.13006	0.14538	-0.167	0.4270
5nM-NA	6	0.63258	0.14538	0.336	0.9295
-NA	6	-0.59009	0.14538	-0.887	-0.2932
50nM+NA	6	-0.05406	0.14538	-0.351	0.2429
5nM+NA	6	0.67981	0.14538	0.383	0.9767
+NA	6	-0.79831	0.14538	-1.095	-0.5014

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of aconitate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.34334	-1.34334	-1.12878	-0.89842	-0.52961	0.171812	0.171812
5nM-NA	-1.30649	-1.30649	-1.22845	-0.74918	-0.01076	0.215249	0.215249
-NA	0.358004	0.358004	0.94953	1.432818	1.798408	2.322271	2.322271
50nM+NA	-1.51932	-1.51932	-1.3919	-0.99527	-0.33742	-0.17085	-0.17085
5nM+NA	-0.01955	-0.01955	0.257829	0.396963	1.045656	1.115989	1.115989
+NA	-0.40465	-0.40465	-0.32951	0.440378	1.050314	1.408354	1.408354

Oneway Anova

Summary of Fit

Rsquare	0.71119
Adj Rsquare	0.663055
Root Mean Square Error	0.588476
Mean of Response	2.47e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	25.583035	5.11661	14.7749	<.0001 *
Error	30	10.389120	0.34630		
C. Total	35	35.972156			

Means for Oneway Anova

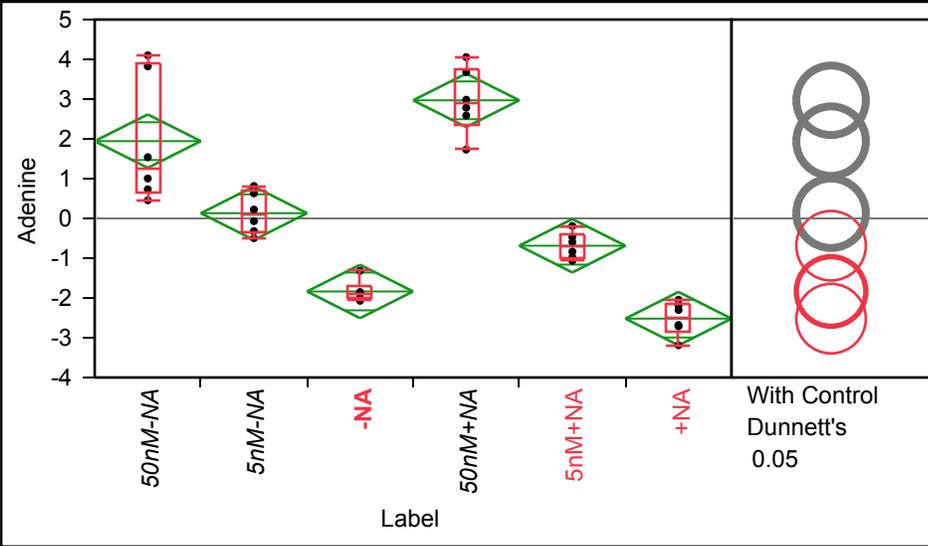
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.7982	0.24024	-1.289	-0.308
5nM-NA	6	-0.6464	0.24024	-1.137	-0.156
-NA	6	1.3861	0.24024	0.895	1.877
50nM+NA	6	-0.9038	0.24024	-1.394	-0.413
5nM+NA	6	0.5438	0.24024	0.053	1.034
+NA	6	0.4185	0.24024	-0.072	0.909

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Adenine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.456816	0.456816	0.663089	1.271783	3.892978	4.100561	4.100561
5nM-NA	-0.49656	-0.49656	-0.36343	0.077191	0.677009	0.814795	0.814795
-NA	-2.07141	-2.07141	-2.02251	-1.88688	-1.71827	-1.3169	-1.3169
50nM+NA	1.730777	1.730777	2.372974	2.884047	3.771701	4.054288	4.054288
5nM+NA	-1.06602	-1.06602	-0.99464	-0.71406	-0.39686	-0.18963	-0.18963
+NA	-3.18796	-3.18796	-2.83123	-2.49152	-2.15351	-2.04506	-2.04506

Oneway Anova

Summary of Fit

Rsquare	0.875433
Adj Rsquare	0.854672
Root Mean Square Error	0.805582
Mean of Response	-8.33e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	136.82390	27.3648	42.1670	<.0001 *
Error	30	19.46886	0.6490		
C. Total	35	156.29276			

Means for Oneway Anova

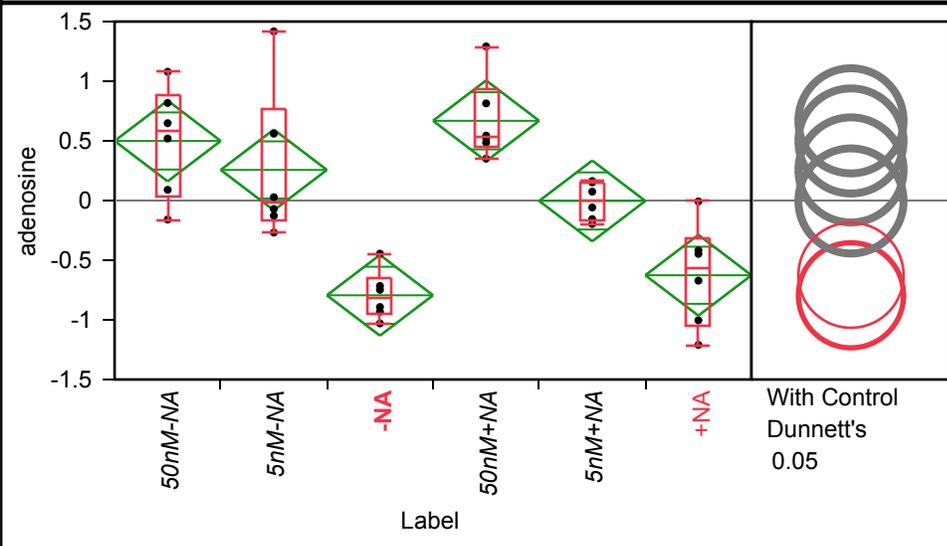
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.9428	0.32888	1.271	2.614
5nM-NA	6	0.1308	0.32888	-0.541	0.802
-NA	6	-1.8367	0.32888	-2.508	-1.165
50nM+NA	6	2.9696	0.32888	2.298	3.641
5nM+NA	6	-0.6868	0.32888	-1.358	-0.015
+NA	6	-2.5197	0.32888	-3.191	-1.848

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of adenosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.15926	-0.15926	0.027575	0.583929	0.883014	1.07912	1.07912
5nM-NA	-0.26829	-0.26829	-0.16287	-0.02154	0.774911	1.417908	1.417908
-NA	-1.0297	-1.0297	-0.95696	-0.82047	-0.64835	-0.44538	-0.44538
50nM+NA	0.350952	0.350952	0.451802	0.533269	0.933369	1.291286	1.291286
5nM+NA	-0.19646	-0.19646	-0.16586	0.008241	0.154536	0.163279	0.163279
+NA	-1.20978	-1.20978	-1.05524	-0.55919	-0.31527	-0.0077	-0.0077

Oneway Anova

Summary of Fit

Rsquare	0.684054
Adj Rsquare	0.631397
Root Mean Square Error	0.405964
Mean of Response	-1.2e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	10.704728	2.14095	12.9906	<.0001 *
Error	30	4.944215	0.16481		
C. Total	35	15.648943			

Means for Oneway Anova

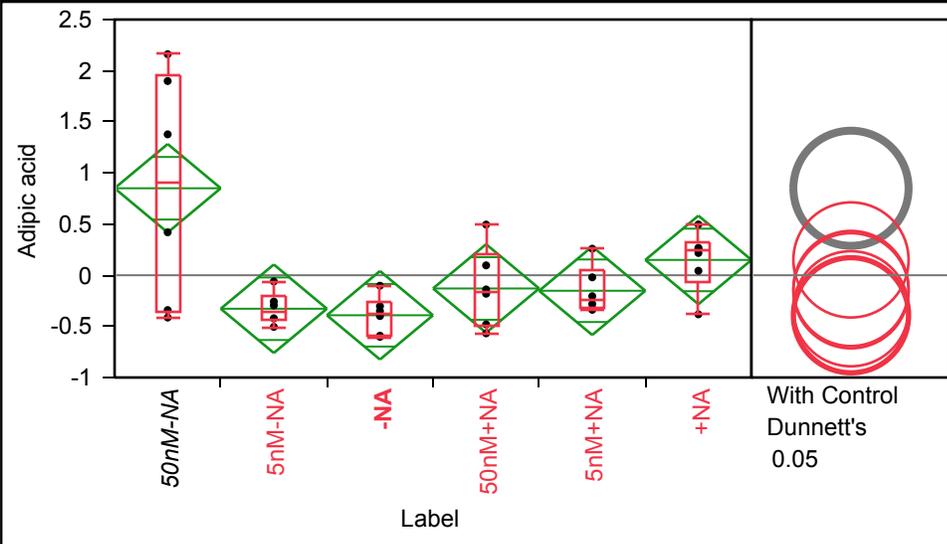
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.49920	0.16573	0.161	0.838
5nM-NA	6	0.25656	0.16573	-0.082	0.595
-NA	6	-0.79413	0.16573	-1.133	-0.456
50nM+NA	6	0.66804	0.16573	0.330	1.007
5nM+NA	6	-0.00346	0.16573	-0.342	0.335
+NA	6	-0.62623	0.16573	-0.965	-0.288

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Adipic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.41373	-0.41373	-0.35906	0.898748	1.96434	2.161242	2.161242
5nM-NA	-0.50494	-0.50494	-0.44572	-0.35806	-0.20813	-0.06097	-0.06097
-NA	-0.6022	-0.6022	-0.59415	-0.37466	-0.25253	-0.10269	-0.10269
50nM+NA	-0.56807	-0.56807	-0.50244	-0.15998	0.196263	0.495227	0.495227
5nM+NA	-0.33826	-0.33826	-0.32869	-0.24299	0.049614	0.259356	0.259356
+NA	-0.3822	-0.3822	-0.06291	0.235881	0.325292	0.496698	0.496698

Oneway Anova

Summary of Fit

Rsquare	0.437256
Adj Rsquare	0.343466
Root Mean Square Error	0.518869
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	6.275702	1.25514	4.6620	0.0029 *
Error	30	8.076754	0.26923		
C. Total	35	14.352456			

Means for Oneway Anova

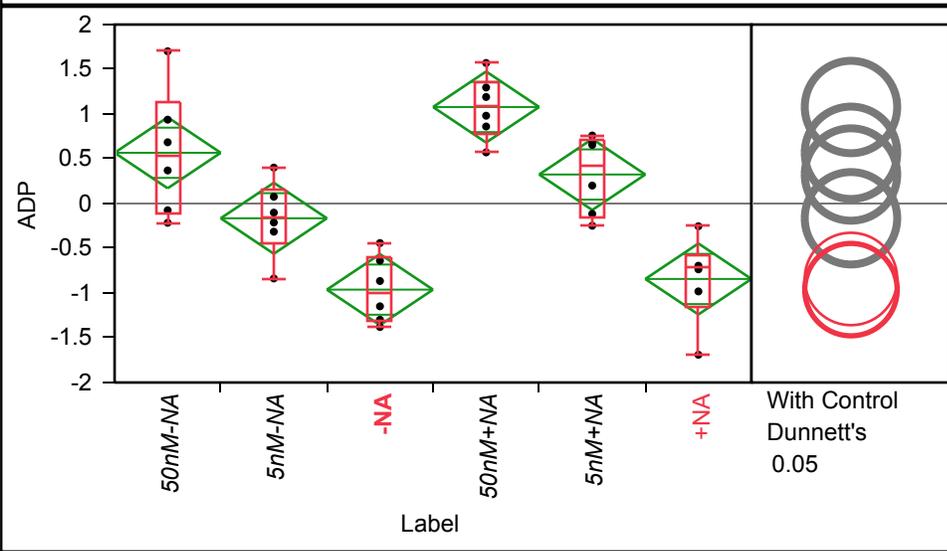
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.85048	0.21183	0.4179	1.2831
5nM-NA	6	-0.32753	0.21183	-0.7601	0.1051
-NA	6	-0.39136	0.21183	-0.8240	0.0412
50nM+NA	6	-0.12946	0.21183	-0.5621	0.3031
5nM+NA	6	-0.15178	0.21183	-0.5844	0.2808
+NA	6	0.14966	0.21183	-0.2830	0.5823

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of ADP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.21488	-0.21488	-0.11034	0.527025	1.128126	1.701416	1.701416
5nM-NA	-0.83739	-0.83739	-0.44526	-0.15701	0.157366	0.401352	0.401352
-NA	-1.37986	-1.37986	-1.31902	-1.00715	-0.58914	-0.4418	-0.4418
50nM+NA	0.571568	0.571568	0.788331	1.085865	1.365217	1.570461	1.570461
5nM+NA	-0.248	-0.248	-0.14881	0.427756	0.710731	0.76027	0.76027
+NA	-1.68996	-1.68996	-1.15896	-0.71827	-0.58503	-0.25426	-0.25426

Oneway Anova

Summary of Fit

Rsquare	0.741841
Adj Rsquare	0.698814
Root Mean Square Error	0.475859
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	19.520957	3.90419	17.2415	<.0001 *
Error	30	6.793253	0.22644		
C. Total	35	26.314211			

Means for Oneway Anova

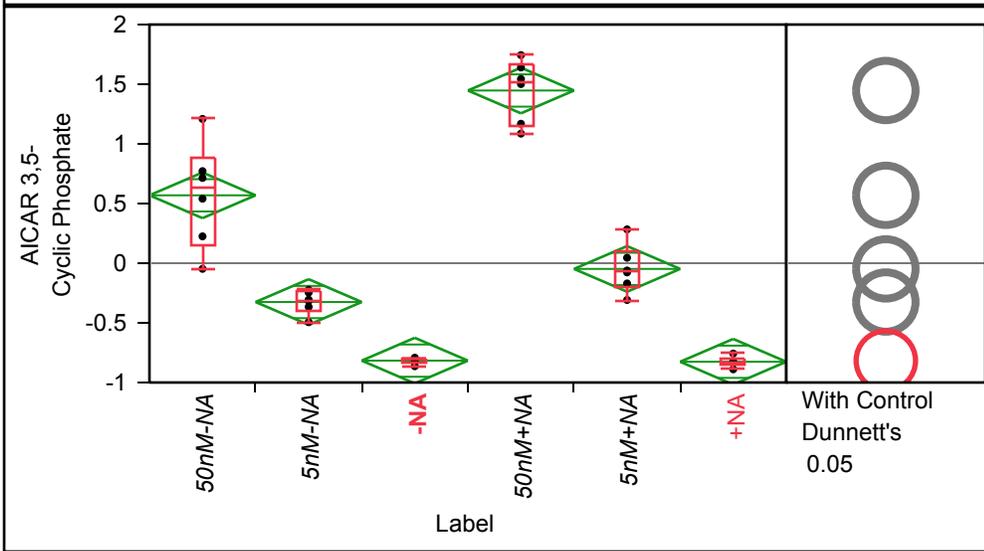
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.5670	0.19427	0.170	0.964
5nM-NA	6	-0.1648	0.19427	-0.562	0.232
-NA	6	-0.9622	0.19427	-1.359	-0.565
50nM+NA	6	1.0785	0.19427	0.682	1.475
5nM+NA	6	0.3244	0.19427	-0.072	0.721
+NA	6	-0.8430	0.19427	-1.240	-0.446

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of AICAR 3,5-Cyclic Phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.04722	-0.04722	0.156797	0.627453	0.88099	1.208936	1.208936
5nM-NA	-0.49429	-0.49429	-0.39834	-0.31096	-0.24046	-0.22362	-0.22362
-NA	-0.86358	-0.86358	-0.83586	-0.80684	-0.80092	-0.79207	-0.79207
50nM+NA	1.085752	1.085752	1.147775	1.522403	1.666335	1.743915	1.743915
5nM+NA	-0.30837	-0.30837	-0.20452	-0.06924	0.104874	0.283546	0.283546
+NA	-0.88942	-0.88942	-0.84976	-0.82572	-0.80558	-0.75758	-0.75758

Oneway Anova

Summary of Fit

Rsquare	0.936436
Adj Rsquare	0.925841
Root Mean Square Error	0.229377
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	23.253395	4.65068	88.3924	<.0001 *
Error	30	1.578421	0.05261		
C. Total	35	24.831816			

Means for Oneway Anova

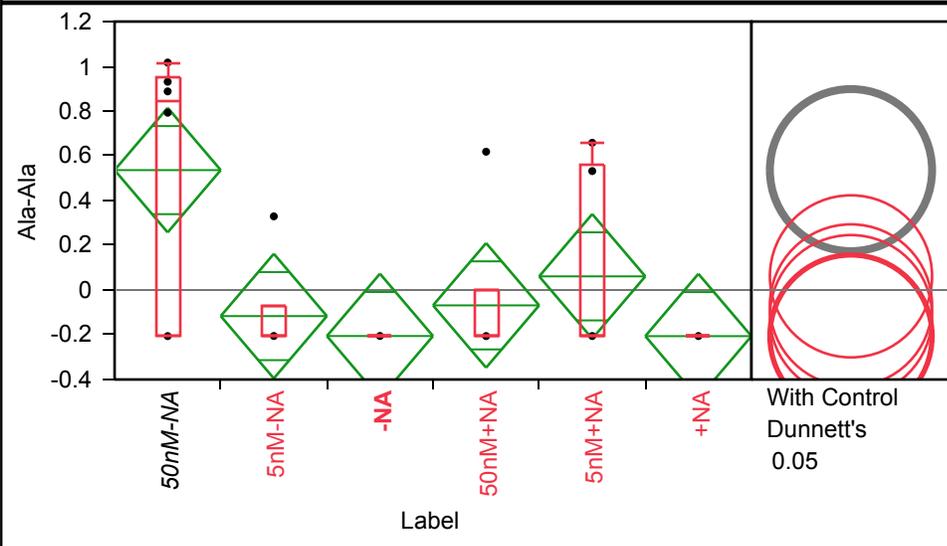
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.5689	0.09364	0.378	0.760
5nM-NA	6	-0.3254	0.09364	-0.517	-0.134
-NA	6	-0.8166	0.09364	-1.008	-0.625
50nM+NA	6	1.4472	0.09364	1.256	1.638
5nM+NA	6	-0.0480	0.09364	-0.239	0.143
+NA	6	-0.8261	0.09364	-1.017	-0.635

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Ala-Ala By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.20614	-0.20614	-0.20606	0.840199	0.952331	1.016762	1.016762
5nM-NA	-0.20611	-0.20611	-0.20586	-0.20565	-0.07179	0.329272	0.329272
-NA	-0.20587	-0.20587	-0.20578	-0.20567	-0.20556	-0.2054	-0.2054
50nM+NA	-0.20611	-0.20611	-0.20604	-0.20598	0.000126	0.61812	0.61812
5nM+NA	-0.20614	-0.20614	-0.20596	-0.20571	0.563285	0.658197	0.658197
+NA	-0.20755	-0.20755	-0.20658	-0.20582	-0.20578	-0.20576	-0.20576

Oneway Anova

Summary of Fit

Rsquare	0.414101
Adj Rsquare	0.316451
Root Mean Square Error	0.333945
Mean of Response	2.778e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	2.3645791	0.472916	4.2407	0.0049 *
Error	30	3.3455721	0.111519		
C. Total	35	5.7101512			

Means for Oneway Anova

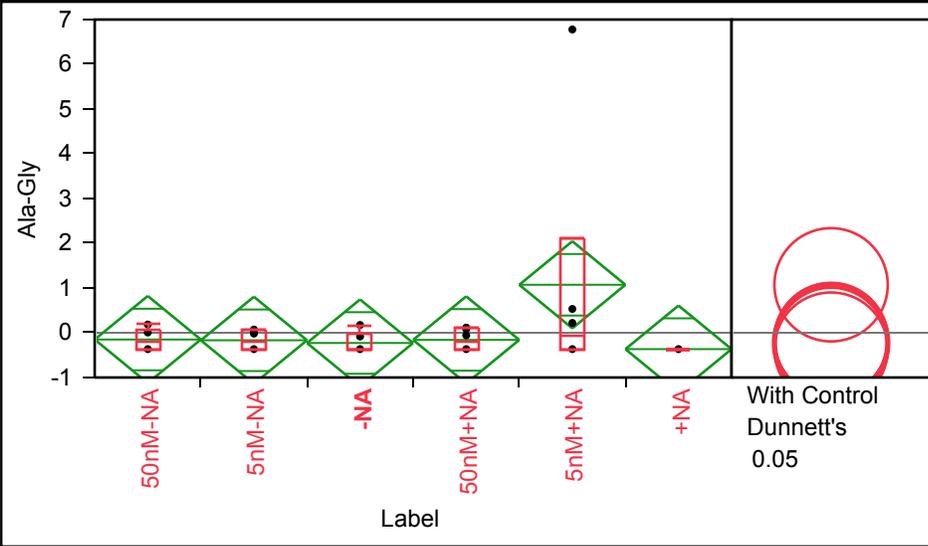
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.53597	0.13633	0.2575	0.81440
5nM-NA	6	-0.11657	0.13633	-0.3950	0.16186
-NA	6	-0.20566	0.13633	-0.4841	0.07276
50nM+NA	6	-0.06864	0.13633	-0.3471	0.20979
5nM+NA	6	0.06106	0.13633	-0.2174	0.33949
+NA	6	-0.20616	0.13633	-0.4846	0.07226

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Ala-Gly By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.36544	-0.36544	-0.36539	-0.18271	0.050437	0.183814	0.183814
5nM-NA	-0.36543	-0.36543	-0.36535	-0.19181	0.045148	0.071653	0.071653
-NA	-0.36535	-0.36535	-0.36531	-0.36523	-0.01916	0.173762	0.173762
50nM+NA	-0.36543	-0.36543	-0.3654	-0.21144	0.089646	0.114983	0.114983
5nM+NA	-0.36547	-0.36547	-0.36545	-0.07303	2.0941	6.77809	6.77809
+NA	-0.36592	-0.36592	-0.36559	-0.36533	-0.36532	-0.36531	-0.36531

Oneway Anova

Summary of Fit

Rsquare	0.171807
Adj Rsquare	0.033775
Root Mean Square Error	1.166765
Mean of Response	-8.3e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	8.472228	1.69445	1.2447	0.3133
Error	30	40.840220	1.36134		
C. Total	35	49.312448			

Means for Oneway Anova

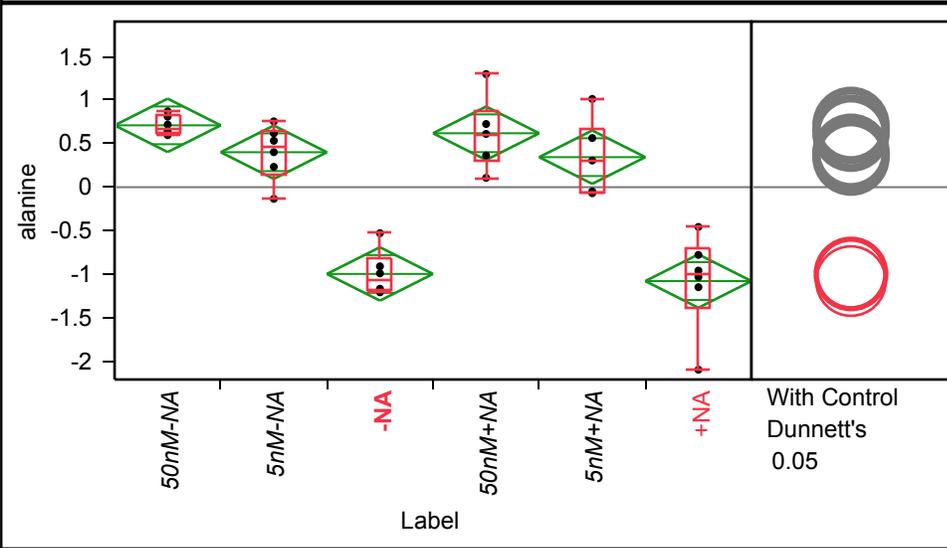
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.1511	0.47633	-1.124	0.8217
5nM-NA	6	-0.1677	0.47633	-1.141	0.8051
-NA	6	-0.2285	0.47633	-1.201	0.7443
50nM+NA	6	-0.1596	0.47633	-1.132	0.8132
5nM+NA	6	1.0723	0.47633	0.100	2.0451
+NA	6	-0.3655	0.47633	-1.338	0.6073

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of alanine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.596735	0.596735	0.615932	0.678944	0.824098	0.870025	0.870025
5nM-NA	-0.13413	-0.13413	0.141323	0.466771	0.652219	0.754712	0.754712
-NA	-1.20637	-1.20637	-1.18461	-1.07714	-0.81308	-0.52748	-0.52748
50nM+NA	0.106742	0.106742	0.29918	0.609463	0.867733	1.297418	1.297418
5nM+NA	-0.06937	-0.06937	-0.05339	0.303989	0.675544	1.012091	1.012091
+NA	-2.09418	-2.09418	-1.38411	-0.99446	-0.69703	-0.45648	-0.45648

Oneway Anova

Summary of Fit

Rsquare	0.830888
Adj Rsquare	0.802703
Root Mean Square Error	0.367449
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	19.901406	3.98028	29.4795	<.0001 *
Error	30	4.050555	0.13502		
C. Total	35	23.951961			

Means for Oneway Anova

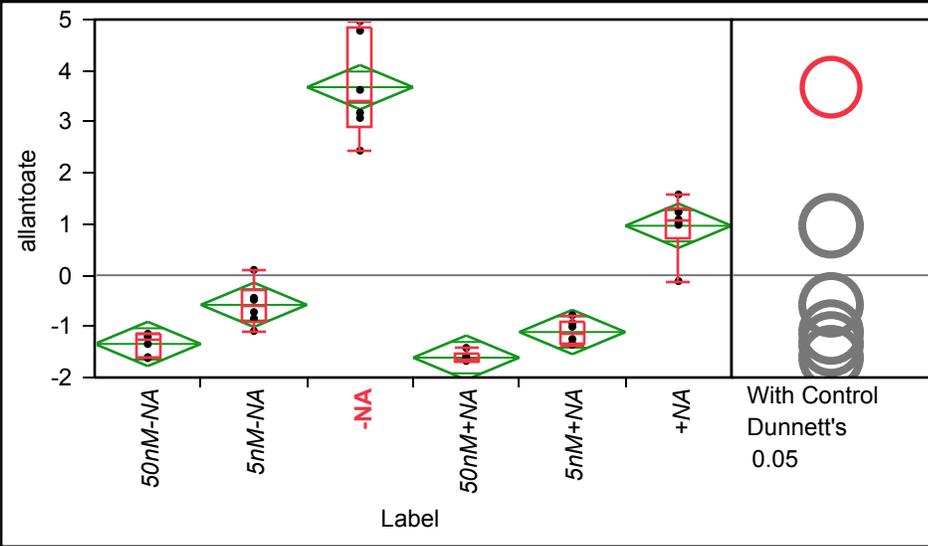
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.7093	0.15001	0.403	1.016
5nM-NA	6	0.4009	0.15001	0.095	0.707
-NA	6	-0.9956	0.15001	-1.302	-0.689
50nM+NA	6	0.6185	0.15001	0.312	0.925
5nM+NA	6	0.3443	0.15001	0.038	0.651
+NA	6	-1.0774	0.15001	-1.384	-0.771

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of allantoin By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.62105	-1.62105	-1.6063	-1.27481	-1.14415	-1.14384	-1.14384
5nM-NA	-1.09071	-1.09071	-0.90703	-0.60074	-0.30473	0.104393	0.104393
-NA	2.435976	2.435976	2.916249	3.401909	4.827772	4.966276	4.966276
50nM+NA	-1.68277	-1.68277	-1.67968	-1.65289	-1.54181	-1.42074	-1.42074
5nM+NA	-1.35893	-1.35893	-1.34158	-1.12735	-0.89532	-0.78078	-0.78078
+NA	-0.11506	-0.11506	0.710763	1.058848	1.322054	1.579852	1.579852

Oneway Anova

Summary of Fit

Rsquare	0.938038
Adj Rsquare	0.927712
Root Mean Square Error	0.519514
Mean of Response	2.778e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	122.57833	24.5157	90.8342	<.0001 *
Error	30	8.09684	0.2699		
C. Total	35	130.67517			

Means for Oneway Anova

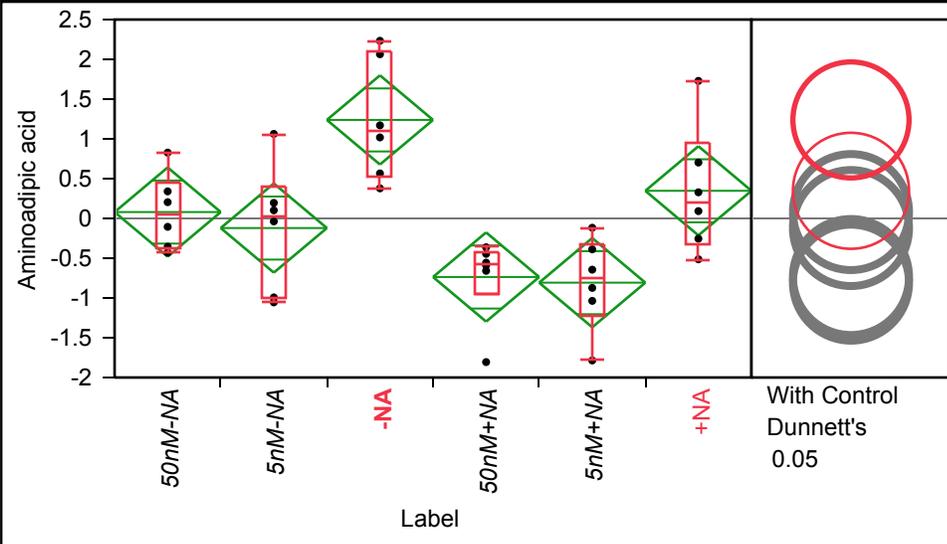
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.3434	0.21209	-1.777	-0.910
5nM-NA	6	-0.5791	0.21209	-1.012	-0.146
-NA	6	3.6773	0.21209	3.244	4.110
50nM+NA	6	-1.6117	0.21209	-2.045	-1.179
5nM+NA	6	-1.1106	0.21209	-1.544	-0.677
+NA	6	0.9674	0.21209	0.534	1.401

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Aminoadipic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.42977	-0.42977	-0.37434	0.049233	0.461708	0.827022	0.827022
5nM-NA	-1.05532	-1.05532	-1.00865	0.032324	0.412188	1.062405	1.062405
-NA	0.378035	0.378035	0.518728	1.094183	2.106095	2.233133	2.233133
50nM+NA	-1.80618	-1.80618	-0.94577	-0.57335	-0.42474	-0.36248	-0.36248
5nM+NA	-1.78542	-1.78542	-1.22372	-0.75889	-0.32101	-0.11737	-0.11737
+NA	-0.51359	-0.51359	-0.31947	0.209926	0.95923	1.728751	1.728751

Oneway Anova

Summary of Fit

Rsquare	0.559469
Adj Rsquare	0.486047
Root Mean Square Error	0.672233
Mean of Response	-1.2e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	17.217106	3.44342	7.6199	0.0001 *
Error	30	13.556906	0.45190		
C. Total	35	30.774012			

Means for Oneway Anova

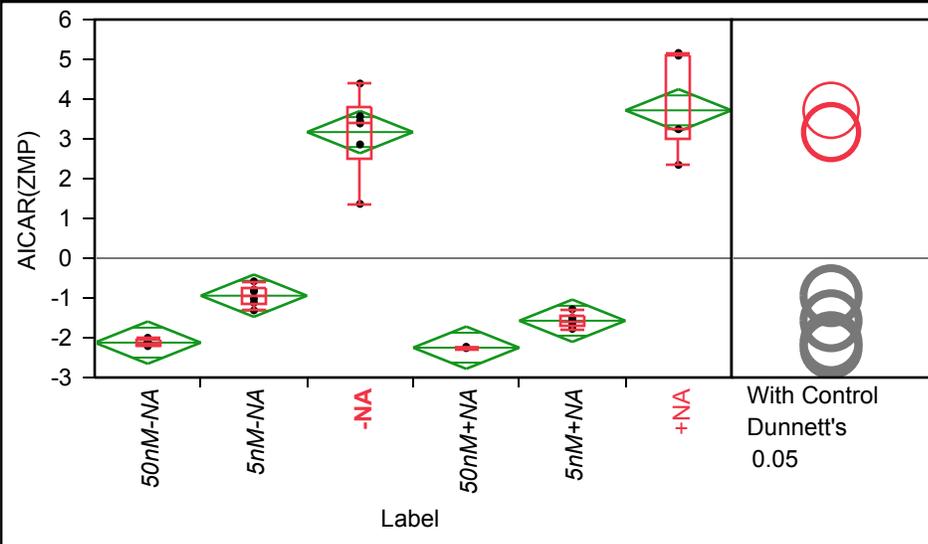
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.0800	0.27444	-0.481	0.640
5nM-NA	6	-0.1210	0.27444	-0.681	0.439
-NA	6	1.2382	0.27444	0.678	1.799
50nM+NA	6	-0.7366	0.27444	-1.297	-0.176
5nM+NA	6	-0.8077	0.27444	-1.368	-0.247
+NA	6	0.3472	0.27444	-0.213	0.908

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of AICAR(ZMP) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.21009	-2.21009	-2.17723	-2.13695	-2.0644	-2.00136	-2.00136
5nM-NA	-1.31157	-1.31157	-1.16844	-0.92642	-0.7383	-0.5817	-0.5817
-NA	1.365982	1.365982	2.486574	3.418112	3.776089	4.391648	4.391648
50nM+NA	-2.28559	-2.28559	-2.26686	-2.24432	-2.23536	-2.22713	-2.22713
5nM+NA	-1.77715	-1.77715	-1.71496	-1.59015	-1.4452	-1.28532	-1.28532
+NA	2.345733	2.345733	3.005039	3.240868	5.109774	5.159685	5.159685

Oneway Anova

Summary of Fit

Rsquare	0.947673
Adj Rsquare	0.938952
Root Mean Square Error	0.637532
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	220.83024	44.1660	108.6638	<.0001 *
Error	30	12.19341	0.4064		
C. Total	35	233.02365			

Means for Oneway Anova

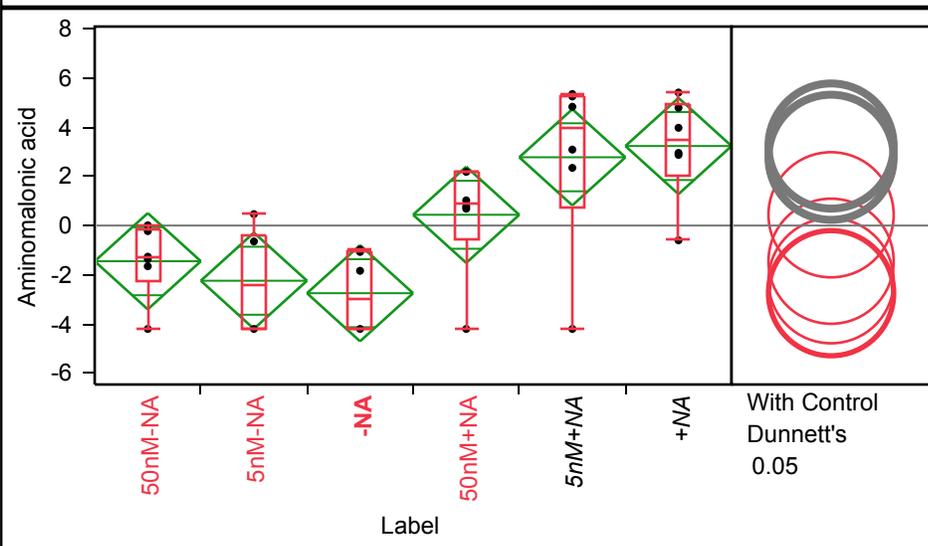
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-2.1228	0.26027	-2.654	-1.591
5nM-NA	6	-0.9429	0.26027	-1.474	-0.411
-NA	6	3.1708	0.26027	2.639	3.702
50nM+NA	6	-2.2500	0.26027	-2.782	-1.718
5nM+NA	6	-1.5726	0.26027	-2.104	-1.041
+NA	6	3.7175	0.26027	3.186	4.249

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Aminomalonic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-4.19776	-4.19776	-2.28802	-1.31305	-0.16776	0.009186	0.009186
5nM-NA	-4.19774	-4.19774	-4.19772	-2.43214	-0.36874	0.463641	0.463641
-NA	-4.19776	-4.19776	-4.19775	-3.01733	-1.04862	-0.97768	-0.97768
50nM+NA	-4.19778	-4.19778	-0.53658	0.897304	2.166758	2.17914	2.17914
5nM+NA	-4.19773	-4.19773	0.706493	3.951793	5.264413	5.339218	5.339218
+NA	-0.59964	-0.59964	2.000886	3.458402	4.936844	5.399555	5.399555

Oneway Anova

Summary of Fit

Rsquare	0.545919
Adj Rsquare	0.470239
Root Mean Square Error	2.341266
Mean of Response	-9.9e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	197.70527	39.5411	7.2135	0.0002 *
Error	30	164.44580	5.4815		
C. Total	35	362.15108			

Means for Oneway Anova

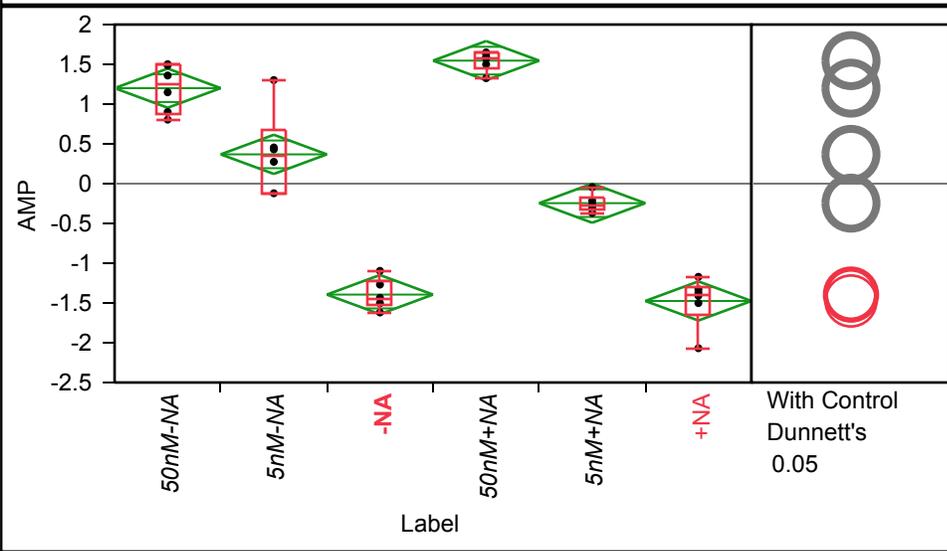
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.4488	0.95582	-3.401	0.503
5nM-NA	6	-2.2404	0.95582	-4.192	-0.288
-NA	6	-2.7467	0.95582	-4.699	-0.795
50nM+NA	6	0.4371	0.95582	-1.515	2.389
5nM+NA	6	2.7710	0.95582	0.819	4.723
+NA	6	3.2278	0.95582	1.276	5.180

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of AMP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.804621	0.804621	0.876673	1.254101	1.491079	1.501597	1.501597
5nM-NA	-0.1326	-0.1326	-0.12391	0.352823	0.666539	1.302244	1.302244
-NA	-1.61949	-1.61949	-1.53277	-1.43933	-1.22608	-1.09688	-1.09688
50nM+NA	1.326028	1.326028	1.456487	1.583835	1.638922	1.64954	1.64954
5nM+NA	-0.36915	-0.36915	-0.32466	-0.26682	-0.17193	-0.04523	-0.04523
+NA	-2.06874	-2.06874	-1.64315	-1.39006	-1.28919	-1.17163	-1.17163

Oneway Anova

Summary of Fit

Rsquare	0.949196
Adj Rsquare	0.940728
Root Mean Square Error	0.295353
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	48.894370	9.77887	112.1002	<.0001 *
Error	30	2.617000	0.08723		
C. Total	35	51.511370			

Means for Oneway Anova

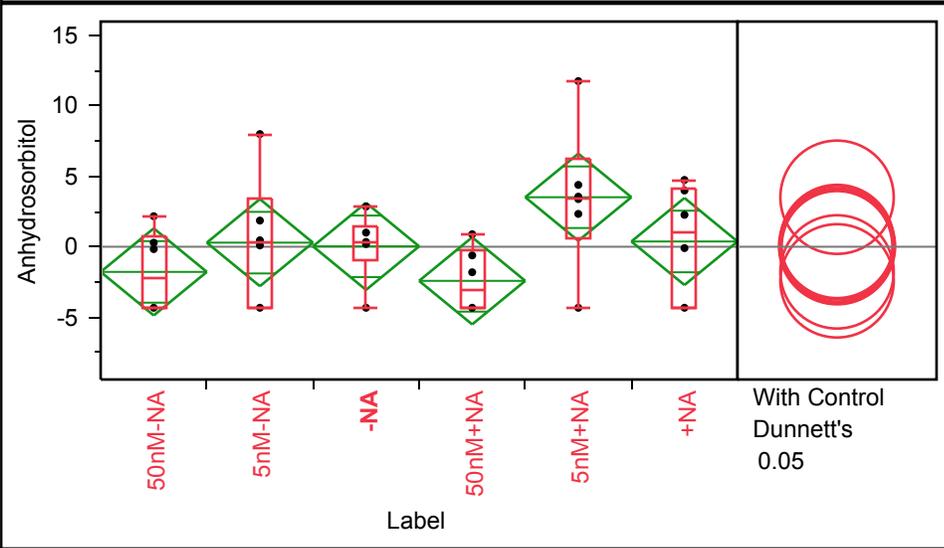
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.2004	0.12058	0.954	1.447
5nM-NA	6	0.3682	0.12058	0.122	0.614
-NA	6	-1.3947	0.12058	-1.641	-1.148
50nM+NA	6	1.5464	0.12058	1.300	1.793
5nM+NA	6	-0.2453	0.12058	-0.492	0.00092
+NA	6	-1.4750	0.12058	-1.721	-1.229

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Anhydrosorbitol By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-4.33587	-4.33587	-4.33586	-2.25187	0.755378	2.169058	2.169058
5nM-NA	-4.33585	-4.33585	-4.33582	0.275899	3.395682	8.005105	8.005105
-NA	-4.33581	-4.33581	-0.99241	0.265467	1.467042	2.852432	2.852432
50nM+NA	-4.33588	-4.33588	-4.33587	-3.07429	-0.23685	0.890167	0.890167
5nM+NA	-4.33584	-4.33584	0.665653	3.473047	6.237559	11.76941	11.76941
+NA	-4.33586	-4.33586	-4.33585	1.085018	4.182573	4.746672	4.746672

Oneway Anova

Summary of Fit

Rsquare	0.239429
Adj Rsquare	0.112667
Root Mean Square Error	3.710194
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	130.00210	26.0004	1.8888	0.1259
Error	30	412.96617	13.7655		
C. Total	35	542.96827			

Means for Oneway Anova

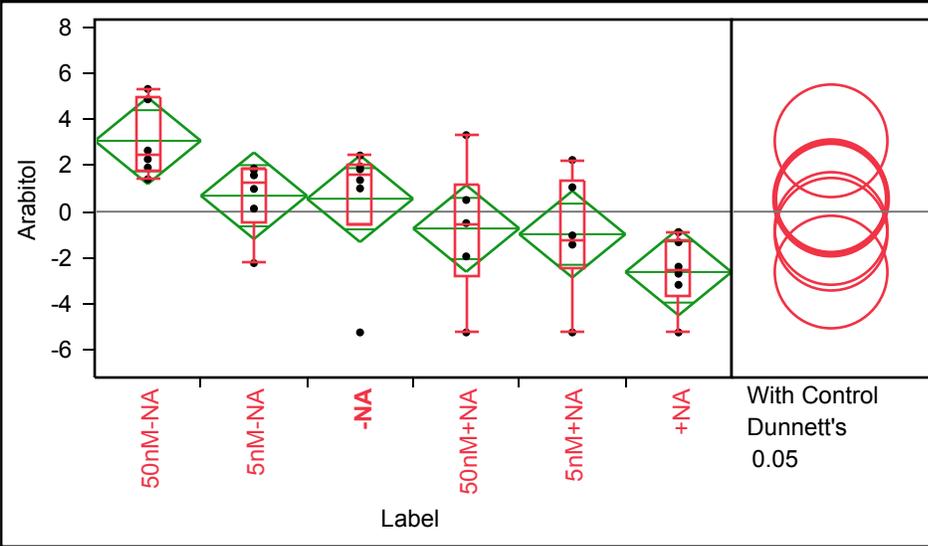
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.7870	1.5147	-4.880	1.3063
5nM-NA	6	0.2907	1.5147	-2.803	3.3841
-NA	6	0.0291	1.5147	-3.064	3.1225
50nM+NA	6	-2.4238	1.5147	-5.517	0.6696
5nM+NA	6	3.5177	1.5147	0.424	6.6111
+NA	6	0.3733	1.5147	-2.720	3.4666

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Arabitol By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	1.407161	1.407161	1.787215	2.462121	4.986505	5.323787	5.323787
5nM-NA	-2.23137	-2.23137	-0.45838	1.282188	1.825411	1.873102	1.873102
-NA	-5.23865	-5.23865	-0.55434	1.600656	2.078054	2.436184	2.436184
50nM+NA	-5.23871	-5.23871	-2.765	-0.51236	1.208945	3.320171	3.320171
5nM+NA	-5.23871	-5.23871	-2.40867	-1.23112	1.354142	2.240349	2.240349
+NA	-5.23868	-5.23868	-3.69081	-2.53975	-1.21744	-0.89108	-0.89108

Oneway Anova

Summary of Fit

Rsquare	0.423172
Adj Rsquare	0.327034
Root Mean Square Error	2.250972
Mean of Response	1.48e-16
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	111.51479	22.3030	4.4017	0.0040 *
Error	30	152.00619	5.0669		
C. Total	35	263.52099			

Means for Oneway Anova

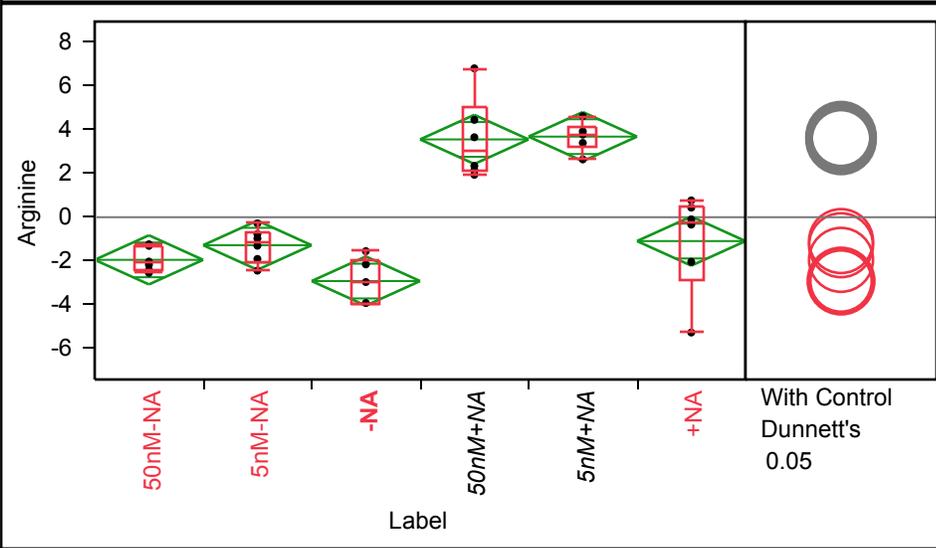
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	3.0739	0.91896	1.197	4.951
5nM-NA	6	0.6914	0.91896	-1.185	2.568
-NA	6	0.5608	0.91896	-1.316	2.438
50nM+NA	6	-0.7297	0.91896	-2.607	1.147
5nM+NA	6	-0.9779	0.91896	-2.855	0.899
+NA	6	-2.6184	0.91896	-4.495	-0.742

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Arginine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.54322	-2.54322	-2.44105	-2.09381	-1.28902	-1.23618	-1.23618
5nM-NA	-2.43894	-2.43894	-2.03919	-1.13636	-0.64932	-0.28214	-0.28214
-NA	-3.95092	-3.95092	-3.92502	-2.96027	-2.0024	-1.55037	-1.55037
50nM+NA	1.937607	1.937607	2.08705	2.996594	5.032613	6.797178	6.797178
5nM+NA	2.638329	2.638329	3.203396	3.756947	4.092146	4.610685	4.610685
+NA	-5.26524	-5.26524	-2.84421	-0.22081	0.519817	0.766728	0.766728

Oneway Anova

Summary of Fit

Rsquare	0.820106
Adj Rsquare	0.790124
Root Mean Square Error	1.345398
Mean of Response	-5.56e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	247.55795	49.5116	27.3530	<.0001 *
Error	30	54.30288	1.8101		
C. Total	35	301.86082			

Means for Oneway Anova

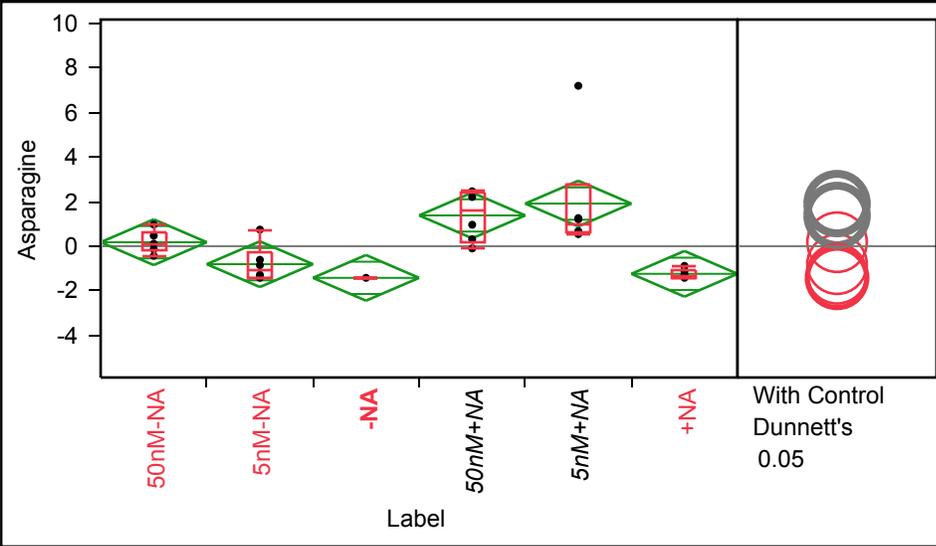
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.9468	0.54926	-3.069	-0.825
5nM-NA	6	-1.2786	0.54926	-2.400	-0.157
-NA	6	-2.9152	0.54926	-4.037	-1.793
50nM+NA	6	3.5515	0.54926	2.430	4.673
5nM+NA	6	3.6790	0.54926	2.557	4.801
+NA	6	-1.0900	0.54926	-2.212	0.032

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Asparagine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.43287	-0.43287	-0.20856	0.095661	0.595477	0.970184	0.970184
5nM-NA	-1.42114	-1.42114	-1.42112	-1.06922	-0.2715	0.743378	0.743378
-NA	-1.42123	-1.42123	-1.42121	-1.42118	-1.42116	-1.42112	-1.42112
50nM+NA	-0.1003	-0.1003	0.210756	1.58487	2.440553	2.46399	2.46399
5nM+NA	0.539904	0.539904	0.578426	0.940581	2.744446	7.197166	7.197166
+NA	-1.42121	-1.42121	-1.42121	-1.30263	-1.05334	-0.88415	-0.88415

Oneway Anova

Summary of Fit

Rsquare	0.564729
Adj Rsquare	0.492184
Root Mean Square Error	1.229172
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	58.80667	11.7613	7.7845	<.0001 *
Error	30	45.32593	1.5109		
C. Total	35	104.13260			

Means for Oneway Anova

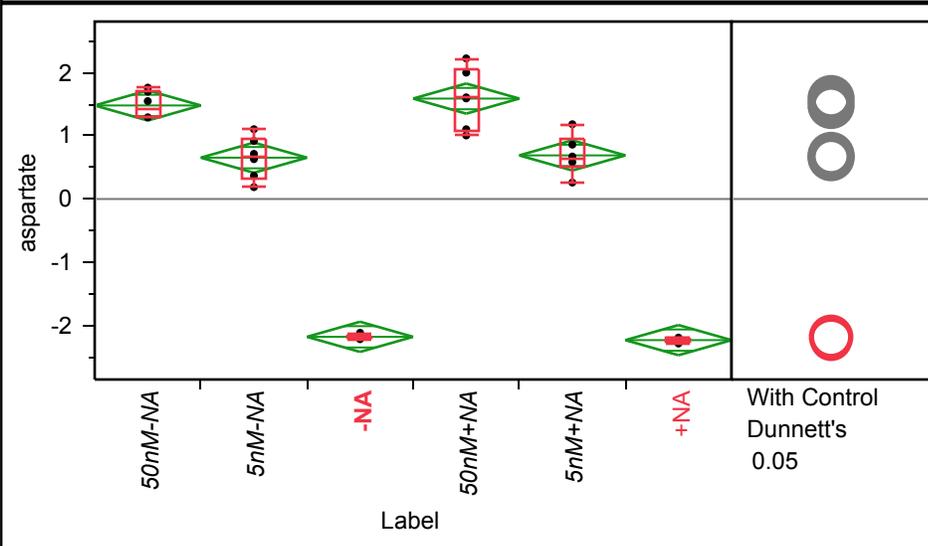
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.1776	0.50181	-0.847	1.202
5nM-NA	6	-0.8079	0.50181	-1.833	0.217
-NA	6	-1.4212	0.50181	-2.446	-0.396
50nM+NA	6	1.3801	0.50181	0.355	2.405
5nM+NA	6	1.9116	0.50181	0.887	2.936
+NA	6	-1.2403	0.50181	-2.265	-0.215

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of aspartate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	1.285323	1.285323	1.290129	1.419915	1.713264	1.76084	1.76084
5nM-NA	0.187828	0.187828	0.322628	0.671903	0.964545	1.103681	1.103681
-NA	-2.2161	-2.2161	-2.20729	-2.187	-2.15139	-2.11562	-2.11562
50nM+NA	1.005036	1.005036	1.078297	1.59886	2.054409	2.223257	2.223257
5nM+NA	0.259766	0.259766	0.500775	0.627468	0.940011	1.181576	1.181576
+NA	-2.28442	-2.28442	-2.25035	-2.23668	-2.19651	-2.19161	-2.19161

Oneway Anova

Summary of Fit

Rsquare	0.974029
Adj Rsquare	0.969701
Root Mean Square Error	0.285984
Mean of Response	-1.11e-8
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	92.021599	18.4043	225.0277	<.0001 *
Error	30	2.453607	0.0818		
C. Total	35	94.475207			

Means for Oneway Anova

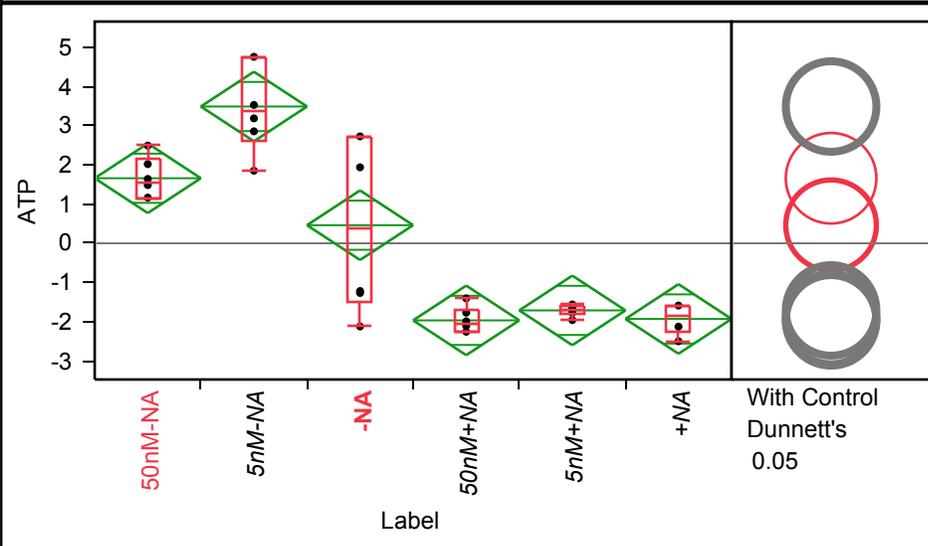
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.4792	0.11675	1.241	1.718
5nM-NA	6	0.6535	0.11675	0.415	0.892
-NA	6	-2.1789	0.11675	-2.417	-1.940
50nM+NA	6	1.5878	0.11675	1.349	1.826
5nM+NA	6	0.6895	0.11675	0.451	0.928
+NA	6	-2.2311	0.11675	-2.470	-1.993

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of ATP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	1.154482	1.154482	1.163262	1.5663	2.141964	2.495491	2.495491
5nM-NA	1.855749	1.855749	2.609769	3.363714	4.762448	4.766207	4.766207
-NA	-2.12583	-2.12583	-1.48382	0.360479	2.720274	2.732486	2.732486
50nM+NA	-2.27653	-2.27653	-2.26473	-2.05142	-1.68195	-1.40857	-1.40857
5nM+NA	-1.96269	-1.96269	-1.8245	-1.67954	-1.61253	-1.56314	-1.56314
+NA	-2.50367	-2.50367	-2.23709	-1.87298	-1.60912	-1.59158	-1.59158

Oneway Anova

Summary of Fit

Rsquare	0.819263
Adj Rsquare	0.78914
Root Mean Square Error	1.066078
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	154.55253	30.9105	27.1974	<.0001 *
Error	30	34.09568	1.1365		
C. Total	35	188.64822			

Means for Oneway Anova

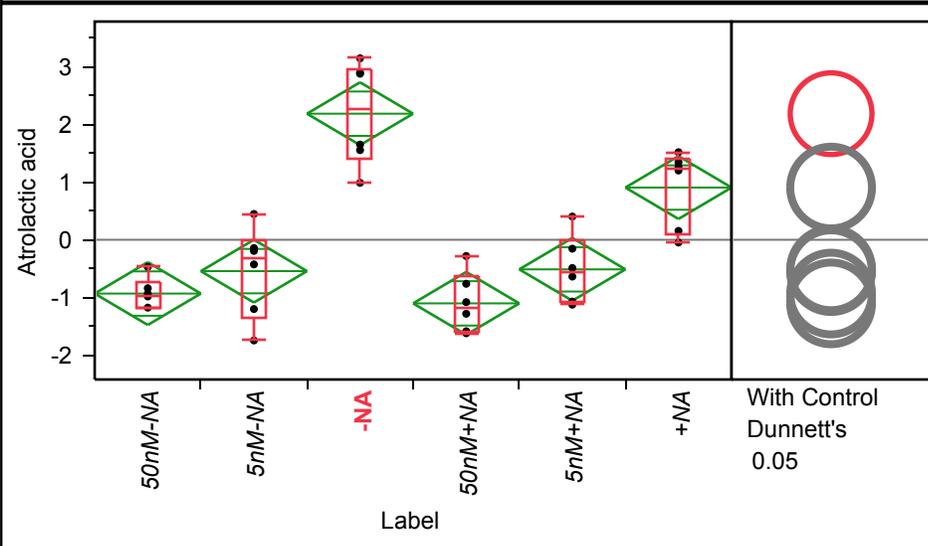
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.6621	0.43522	0.773	2.551
5nM-NA	6	3.4953	0.43522	2.606	4.384
-NA	6	0.4623	0.43522	-0.427	1.351
50nM+NA	6	-1.9703	0.43522	-2.859	-1.081
5nM+NA	6	-1.7154	0.43522	-2.604	-0.827
+NA	6	-1.9341	0.43522	-2.823	-1.045

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Atrolactic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.18652	-1.18652	-1.17713	-0.95729	-0.74618	-0.47038	-0.47038
5nM-NA	-1.74081	-1.74081	-1.33396	-0.30921	0.004143	0.446285	0.446285
-NA	0.985637	0.985637	1.40941	2.25961	2.954186	3.138685	3.138685
50nM+NA	-1.61707	-1.61707	-1.59127	-1.17923	-0.64125	-0.28161	-0.28161
5nM+NA	-1.12259	-1.12259	-1.08278	-0.56219	-0.01518	0.401655	0.401655
+NA	-0.04666	-0.04666	0.103367	1.228888	1.384978	1.514965	1.514965

Oneway Anova

Summary of Fit

Rsquare	0.794624
Adj Rsquare	0.760395
Root Mean Square Error	0.651289
Mean of Response	-4.9e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	49.235756	9.84715	23.2147	<.0001 *
Error	30	12.725312	0.42418		
C. Total	35	61.961068			

Means for Oneway Anova

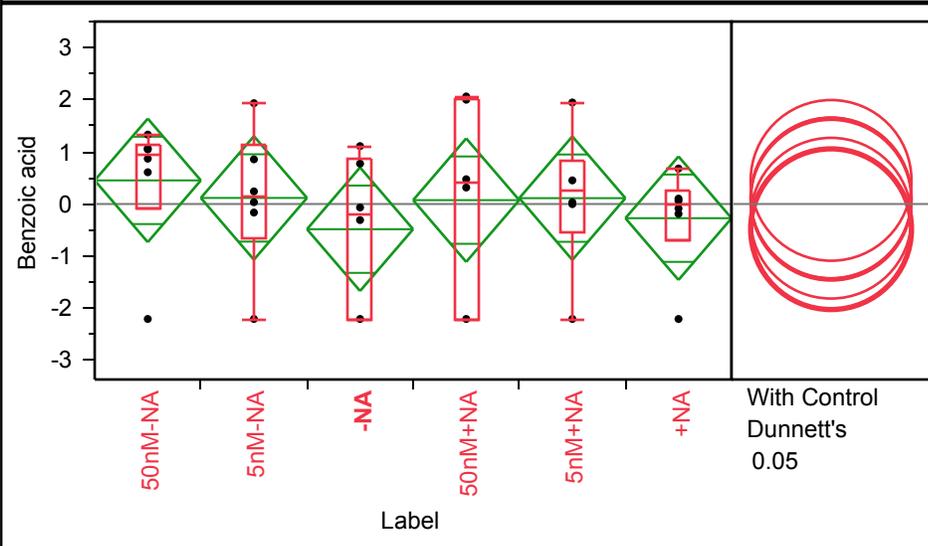
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.9306	0.26589	-1.474	-0.388
5nM-NA	6	-0.5424	0.26589	-1.085	0.00059
-NA	6	2.1811	0.26589	1.638	2.724
50nM+NA	6	-1.1002	0.26589	-1.643	-0.557
5nM+NA	6	-0.5115	0.26589	-1.055	0.032
+NA	6	0.9035	0.26589	0.361	1.447

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Benzoic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.20544	-2.20544	-0.0943	0.957931	1.133159	1.330905	1.330905
5nM-NA	-2.20539	-2.20539	-0.67405	0.138344	1.126117	1.933419	1.933419
-NA	-2.20539	-2.20539	-2.20537	-0.18736	0.85827	1.110674	1.110674
50nM+NA	-2.20549	-2.20549	-2.20547	0.395846	2.016248	2.062659	2.062659
5nM+NA	-2.20543	-2.20543	-0.55311	0.240249	0.826788	1.94723	1.94723
+NA	-2.20592	-2.20592	-0.69252	-0.01132	0.247583	0.680437	0.680437

Oneway Anova

Summary of Fit

Rsquare	0.051184
Adj Rsquare	-0.10695
Root Mean Square Error	1.420943
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	3.267581	0.65352	0.3237	0.8947
Error	30	60.572400	2.01908		
C. Total	35	63.839981			

Means for Oneway Anova

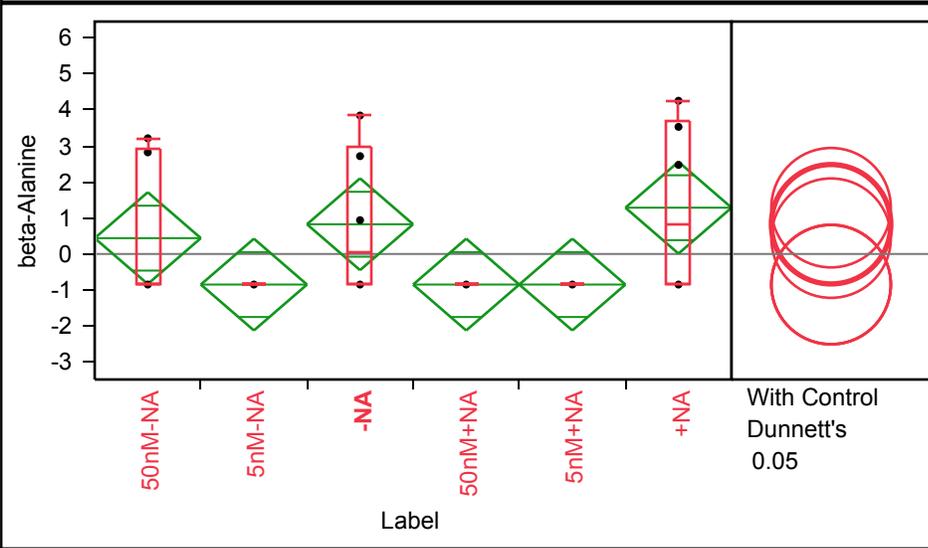
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.45300	0.58010	-0.732	1.6377
5nM-NA	6	0.11635	0.58010	-1.068	1.3011
-NA	6	-0.48344	0.58010	-1.668	0.7013
50nM+NA	6	0.07403	0.58010	-1.111	1.2587
5nM+NA	6	0.11221	0.58010	-1.073	1.2969
+NA	6	-0.27215	0.58010	-1.457	0.9126

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of beta-Alanine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.84986	-0.84986	-0.84984	-0.8498	2.919985	3.212418	3.212418
5nM-NA	-0.84986	-0.84986	-0.8498	-0.84974	-0.8497	-0.84968	-0.84968
-NA	-0.84976	-0.84976	-0.84974	0.044461	2.999245	3.844765	3.844765
50nM+NA	-0.84986	-0.84986	-0.84984	-0.84982	-0.8498	-0.8498	-0.8498
5nM+NA	-0.84988	-0.84988	-0.84987	-0.84982	-0.84977	-0.84974	-0.84974
+NA	-0.84978	-0.84978	-0.84978	0.811989	3.711258	4.254528	4.254528

Oneway Anova

Summary of Fit

Rsquare	0.286534
Adj Rsquare	0.167623
Root Mean Square Error	1.528488
Mean of Response	-5.56e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	28.148008	5.62960	2.4096	0.0597
Error	30	70.088245	2.33627		
C. Total	35	98.236253			

Means for Oneway Anova

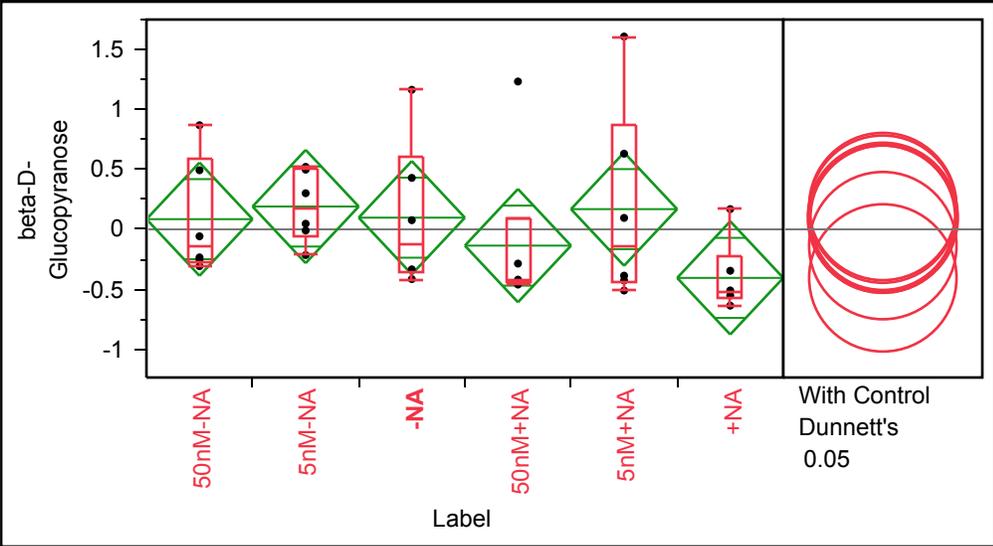
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.4393	0.62400	-0.835	1.7137
5nM-NA	6	-0.8498	0.62400	-2.124	0.4246
-NA	6	0.8253	0.62400	-0.449	2.0996
50nM+NA	6	-0.8498	0.62400	-2.124	0.4246
5nM+NA	6	-0.8498	0.62400	-2.124	0.4246
+NA	6	1.2849	0.62400	0.010	2.5592

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of beta-D-Glucopyranose By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.30717	-0.30717	-0.26618	-0.14616	0.586781	0.868374	0.868374
5nM-NA	-0.21459	-0.21459	-0.06142	0.173874	0.503795	0.521092	0.521092
-NA	-0.41528	-0.41528	-0.35617	-0.12896	0.612972	1.164071	1.164071
50nM+NA	-0.46091	-0.46091	-0.44624	-0.43009	0.094005	1.233101	1.233101
5nM+NA	-0.51042	-0.51042	-0.44773	-0.1456	0.875364	1.608279	1.608279
+NA	-0.6365	-0.6365	-0.57586	-0.53075	-0.2171	0.168599	0.168599

Oneway Anova

Summary of Fit

Rsquare	0.141275
Adj Rsquare	-0.00185
Root Mean Square Error	0.566351
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	1.583087	0.316617	0.9871	0.4420
Error	30	9.622618	0.320754		
C. Total	35	11.205705			

Means for Oneway Anova

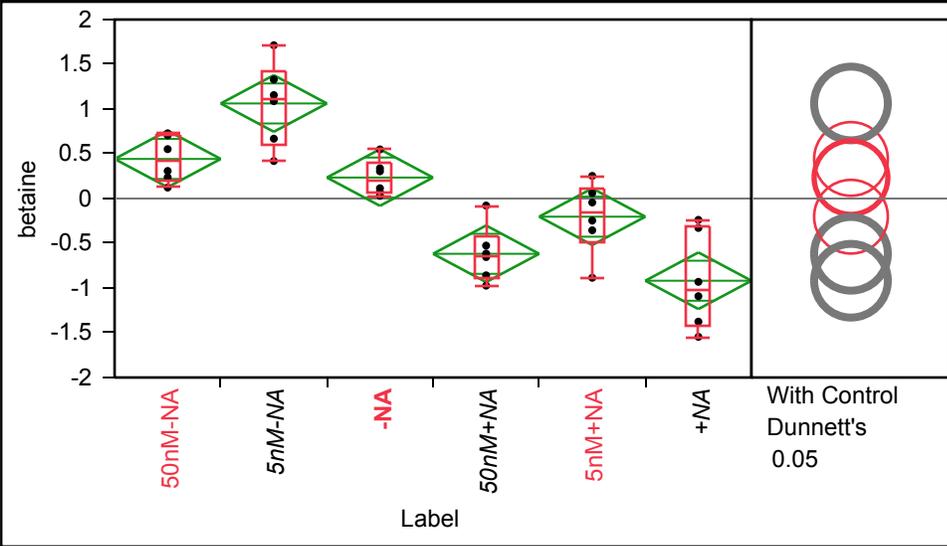
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.08488	0.23121	-0.3873	0.55708
5nM-NA	6	0.19032	0.23121	-0.2819	0.66252
-NA	6	0.09728	0.23121	-0.3749	0.56948
50nM+NA	6	-0.13584	0.23121	-0.6080	0.33636
5nM+NA	6	0.16848	0.23121	-0.3037	0.64068
+NA	6	-0.40512	0.23121	-0.8773	0.06708

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of betaine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.122285	0.122285	0.208063	0.429937	0.712065	0.728499	0.728499
5nM-NA	0.419249	0.419249	0.606293	1.121939	1.425465	1.712836	1.712836
-NA	0.030016	0.030016	0.060448	0.209543	0.390912	0.548527	0.548527
50nM+NA	-0.97364	-0.97364	-0.88736	-0.63458	-0.41413	-0.07872	-0.07872
5nM+NA	-0.88552	-0.88552	-0.48763	-0.14516	0.108727	0.252686	0.252686
+NA	-1.54572	-1.54572	-1.41836	-1.01128	-0.30608	-0.2385	-0.2385

Oneway Anova

Summary of Fit

Rsquare	0.786169
Adj Rsquare	0.750531
Root Mean Square Error	0.379368
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	15.874087	3.17482	22.0596	<.0001 *
Error	30	4.317605	0.14392		
C. Total	35	20.191691			

Means for Oneway Anova

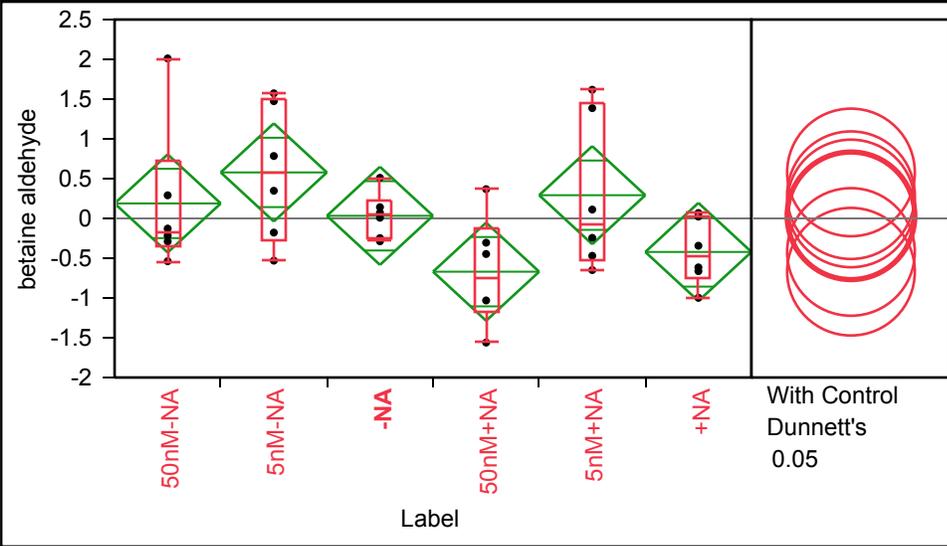
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.4423	0.15488	0.126	0.759
5nM-NA	6	1.0624	0.15488	0.746	1.379
-NA	6	0.2344	0.15488	-0.082	0.551
50nM+NA	6	-0.6177	0.15488	-0.934	-0.301
5nM+NA	6	-0.2029	0.15488	-0.519	0.113
+NA	6	-0.9186	0.15488	-1.235	-0.602

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of betaine aldehyde By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.53801	-0.53801	-0.35174	-0.17195	0.720723	2.011233	2.011233
5nM-NA	-0.53087	-0.53087	-0.26632	0.566034	1.498464	1.57253	1.57253
-NA	-0.28744	-0.28744	-0.25734	0.03969	0.233767	0.510583	0.510583
50nM+NA	-1.56096	-1.56096	-1.17148	-0.73924	-0.13703	0.367492	0.367492
5nM+NA	-0.64936	-0.64936	-0.51477	-0.06647	1.444096	1.617597	1.617597
+NA	-0.99717	-0.99717	-0.74672	-0.47959	0.033967	0.067726	0.067726

Oneway Anova

Summary of Fit

Rsquare	0.283705
Adj Rsquare	0.164323
Root Mean Square Error	0.739318
Mean of Response	2.78e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	6.494701	1.29894	2.3764	0.0625
Error	30	16.397737	0.54659		
C. Total	35	22.892439			

Means for Oneway Anova

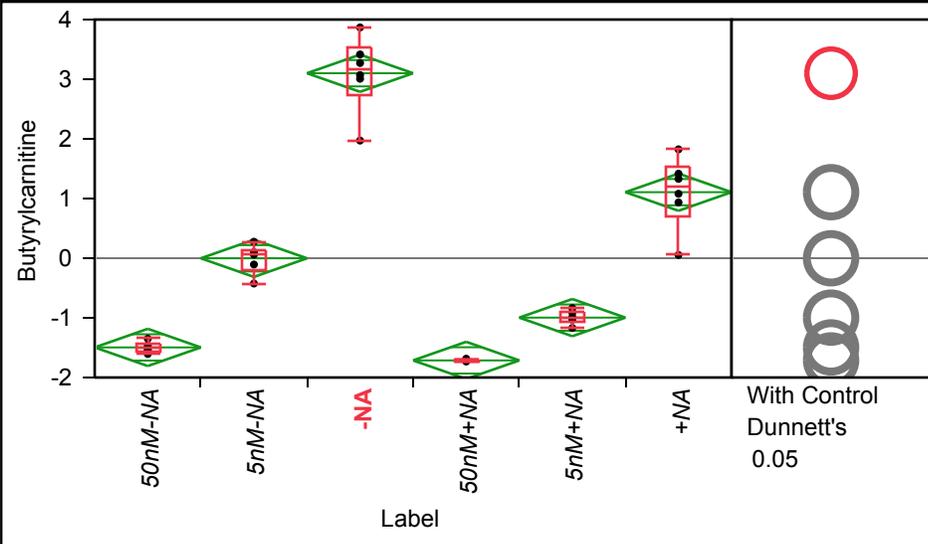
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.18837	0.30183	-0.428	0.805
5nM-NA	6	0.57823	0.30183	-0.038	1.195
-NA	6	0.03278	0.30183	-0.584	0.649
50nM+NA	6	-0.66980	0.30183	-1.286	-0.053
5nM+NA	6	0.29194	0.30183	-0.324	0.908
+NA	6	-0.42152	0.30183	-1.038	0.195

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Butyrylcarnitine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.60572	-1.60572	-1.567	-1.50035	-1.43485	-1.34971	-1.34971
5nM-NA	-0.42467	-0.42467	-0.18574	0.072688	0.143446	0.275603	0.275603
-NA	1.971726	1.971726	2.748522	3.170196	3.528478	3.867563	3.867563
50nM+NA	-1.73207	-1.73207	-1.72397	-1.71572	-1.70432	-1.68498	-1.68498
5nM+NA	-1.16932	-1.16932	-1.07267	-1.00928	-0.89289	-0.83727	-0.83727
+NA	0.053647	0.053647	0.714519	1.204953	1.518238	1.824189	1.824189

Oneway Anova

Summary of Fit

Rsquare	0.960505
Adj Rsquare	0.953922
Root Mean Square Error	0.373927
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	102.01113	20.4022	145.9165	<.0001 *
Error	30	4.19464	0.1398		
C. Total	35	106.20577			

Means for Oneway Anova

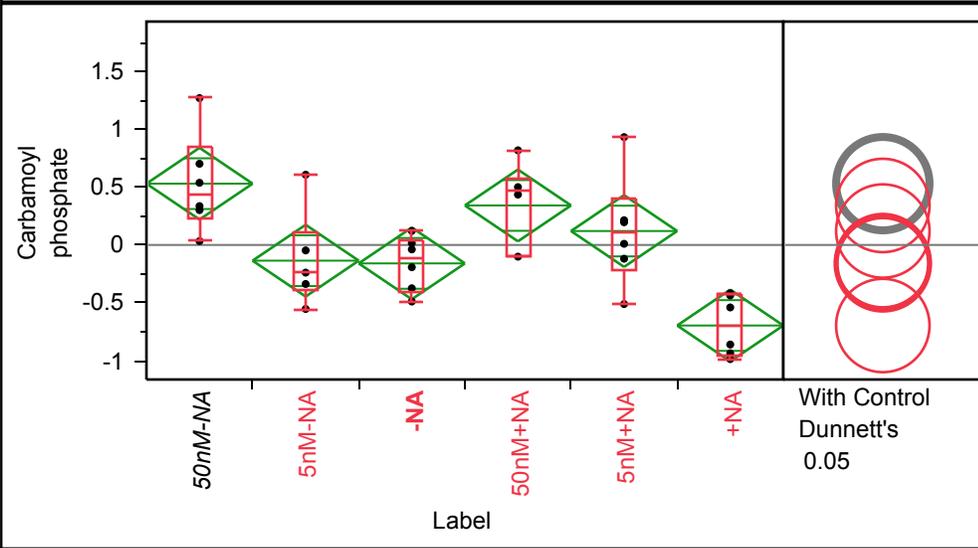
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.4956	0.15265	-1.807	-1.184
5nM-NA	6	-0.0017	0.15265	-0.313	0.310
-NA	6	3.1004	0.15265	2.789	3.412
50nM+NA	6	-1.7134	0.15265	-2.025	-1.402
5nM+NA	6	-0.9962	0.15265	-1.308	-0.684
+NA	6	1.1065	0.15265	0.795	1.418

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Carbamoyl phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.033141	0.033141	0.234063	0.436542	0.843483	1.269066	1.269066
5nM-NA	-0.55337	-0.55337	-0.39141	-0.24154	0.116193	0.606559	0.606559
-NA	-0.48896	-0.48896	-0.40307	-0.1154	0.042646	0.121189	0.121189
50nM+NA	-0.10122	-0.10122	-0.1012	0.466416	0.579295	0.817818	0.817818
5nM+NA	-0.5108	-0.5108	-0.21691	0.103047	0.393193	0.931902	0.931902
+NA	-0.98641	-0.98641	-0.94892	-0.70026	-0.4315	-0.41705	-0.41705

Oneway Anova

Summary of Fit

Rsquare	0.576316
Adj Rsquare	0.505702
Root Mean Square Error	0.371757
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.6397367	1.12795	8.1615	<.0001 *
Error	30	4.1461004	0.13820		
C. Total	35	9.7858370			

Means for Oneway Anova

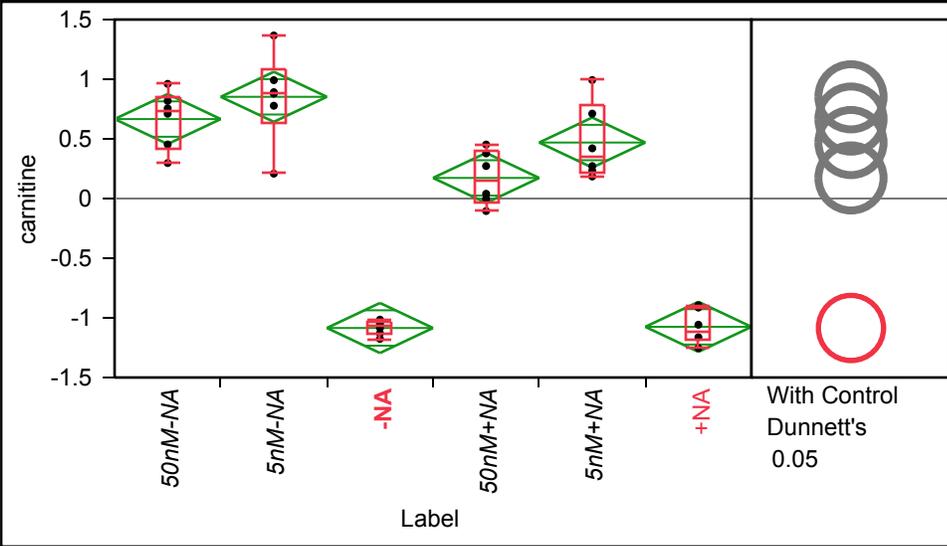
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.52966	0.15177	0.220	0.8396
5nM-NA	6	-0.13576	0.15177	-0.446	0.1742
-NA	6	-0.15942	0.15177	-0.469	0.1505
50nM+NA	6	0.34134	0.15177	0.031	0.6513
5nM+NA	6	0.12031	0.15177	-0.190	0.4303
+NA	6	-0.69612	0.15177	-1.006	-0.3862

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of carnitine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.297477	0.297477	0.413949	0.733194	0.853926	0.960944	0.960944
5nM-NA	0.208587	0.208587	0.63546	0.88511	1.085496	1.366386	1.366386
-NA	-1.17626	-1.17626	-1.14148	-1.07321	-1.03567	-1.01511	-1.01511
50nM+NA	-0.10464	-0.10464	-0.02778	0.156171	0.396651	0.452214	0.452214
5nM+NA	0.184757	0.184757	0.2214	0.346315	0.78194	0.99303	0.99303
+NA	-1.25298	-1.25298	-1.19069	-1.11025	-0.90906	-0.89464	-0.89464

Oneway Anova

Summary of Fit

Rsquare	0.922266
Adj Rsquare	0.909311
Root Mean Square Error	0.251553
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	22.523141	4.50463	71.1867	<.0001 *
Error	30	1.898372	0.06328		
C. Total	35	24.421513			

Means for Oneway Anova

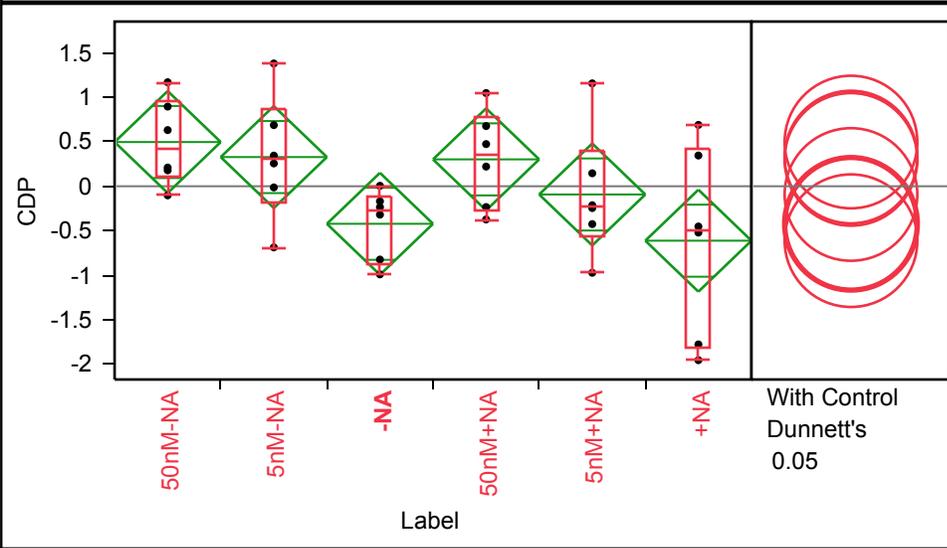
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.6660	0.10270	0.456	0.876
5nM-NA	6	0.8525	0.10270	0.643	1.062
-NA	6	-1.0850	0.10270	-1.295	-0.875
50nM+NA	6	0.1726	0.10270	-0.037	0.382
5nM+NA	6	0.4693	0.10270	0.260	0.679
+NA	6	-1.0753	0.10270	-1.285	-0.866

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of CDP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.10233	-0.10233	0.108562	0.420131	0.963178	1.168386	1.168386
5nM-NA	-0.68668	-0.68668	-0.18172	0.300116	0.859747	1.37908	1.37908
-NA	-0.9901	-0.9901	-0.86533	-0.27698	-0.12546	0.005174	0.005174
50nM+NA	-0.37285	-0.37285	-0.26851	0.347117	0.768736	1.046851	1.046851
5nM+NA	-0.97205	-0.97205	-0.562	-0.22936	0.398156	1.155479	1.155479
+NA	-1.95389	-1.95389	-1.82126	-0.48644	0.431072	0.688817	0.688817

Oneway Anova

Summary of Fit

Rsquare	0.299106
Adj Rsquare	0.182291
Root Mean Square Error	0.686557
Mean of Response	-1.1e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	6.034591	1.20692	2.5605	0.0481 *
Error	30	14.140805	0.47136		
C. Total	35	20.175396			

Means for Oneway Anova

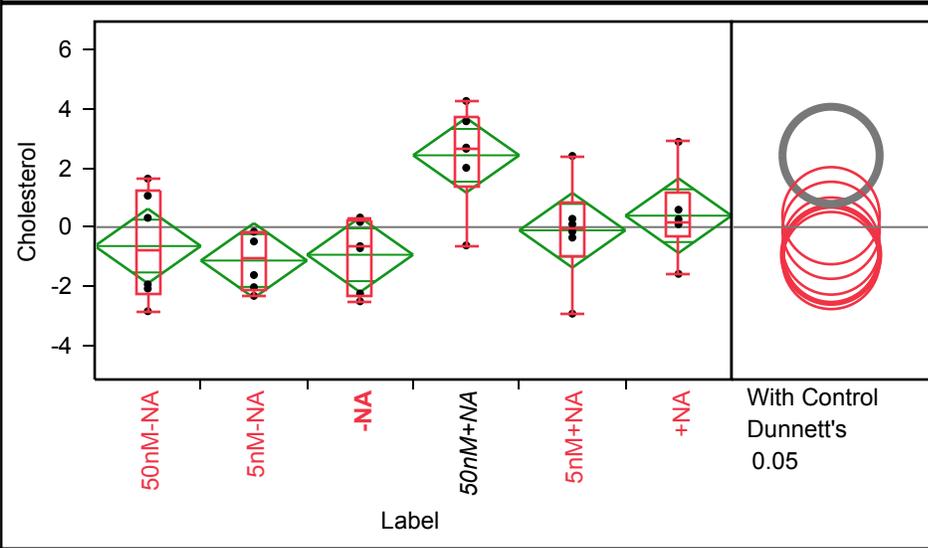
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.49666	0.28029	-0.076	1.069
5nM-NA	6	0.32764	0.28029	-0.245	0.900
-NA	6	-0.42194	0.28029	-0.994	0.150
50nM+NA	6	0.30176	0.28029	-0.271	0.874
5nM+NA	6	-0.09248	0.28029	-0.665	0.480
+NA	6	-0.61164	0.28029	-1.184	-0.039

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Cholesterol By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.84656	-2.84656	-2.27238	-0.81164	1.207565	1.63996	1.63996
5nM-NA	-2.32711	-2.32711	-2.10679	-1.05359	-0.16226	-0.15559	-0.15559
-NA	-2.51119	-2.51119	-2.31333	-0.67774	0.21173	0.324181	0.324181
50nM+NA	-0.61897	-0.61897	1.350805	2.670509	3.753075	4.268537	4.268537
5nM+NA	-2.92899	-2.92899	-0.99927	-0.02673	0.813017	2.408627	2.408627
+NA	-1.58309	-1.58309	-0.3423	0.179221	1.16235	2.885683	2.885683

Oneway Anova

Summary of Fit

Rsquare	0.429515
Adj Rsquare	0.334434
Root Mean Square Error	1.514315
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	51.79491	10.3590	4.5174	0.0035 *
Error	30	68.79446	2.2931		
C. Total	35	120.58937			

Means for Oneway Anova

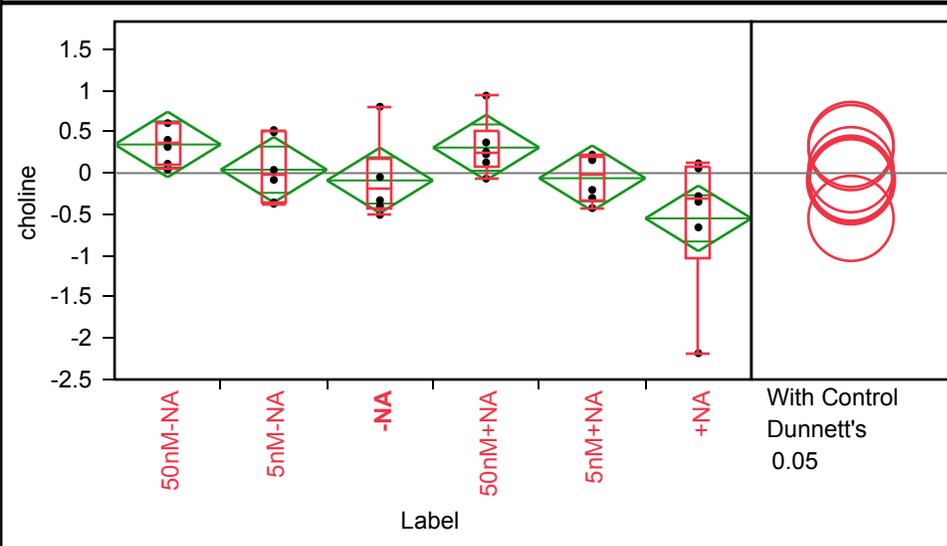
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.6412	0.61822	-1.904	0.6213
5nM-NA	6	-1.1313	0.61822	-2.394	0.1313
-NA	6	-0.9359	0.61822	-2.199	0.3266
50nM+NA	6	2.4299	0.61822	1.167	3.6924
5nM+NA	6	-0.1081	0.61822	-1.371	1.1544
+NA	6	0.3867	0.61822	-0.876	1.6493

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of choline By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.043262	0.043262	0.09603	0.360174	0.600594	0.605887	0.605887
5nM-NA	-0.37177	-0.37177	-0.35829	-0.0212	0.502189	0.521495	0.521495
-NA	-0.50617	-0.50617	-0.42757	-0.18973	0.164954	0.804578	0.804578
50nM+NA	-0.06664	-0.06664	0.080181	0.242078	0.513551	0.938341	0.938341
5nM+NA	-0.42345	-0.42345	-0.33114	-0.02266	0.187595	0.223817	0.223817
+NA	-2.18158	-2.18158	-1.03824	-0.31263	0.073002	0.118409	0.118409

Oneway Anova

Summary of Fit

Rsquare	0.31943
Adj Rsquare	0.206002
Root Mean Square Error	0.475129
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	3.1786961	0.635739	2.8161	0.0335 *
Error	30	6.7724408	0.225748		
C. Total	35	9.9511369			

Means for Oneway Anova

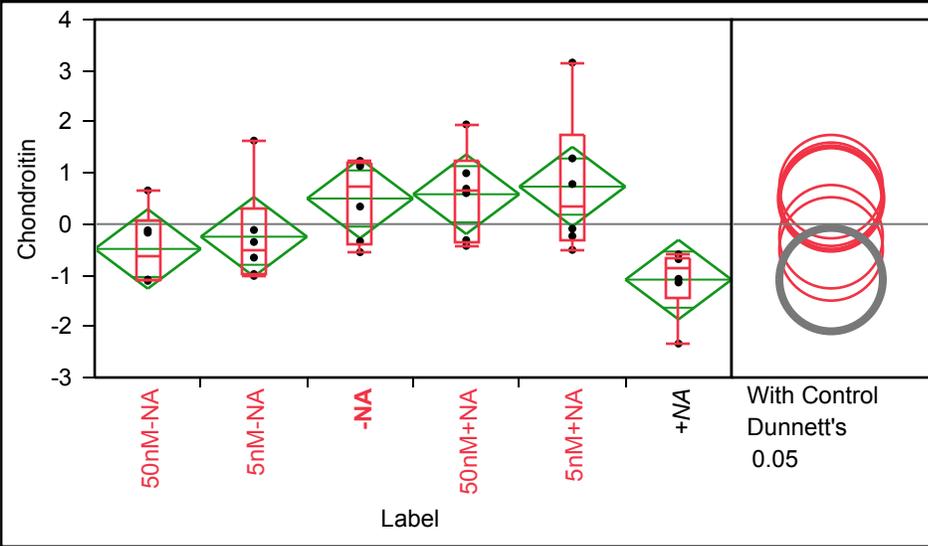
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.34699	0.19397	-0.0492	0.7431
5nM-NA	6	0.04155	0.19397	-0.3546	0.4377
-NA	6	-0.08844	0.19397	-0.4846	0.3077
50nM+NA	6	0.30949	0.19397	-0.0867	0.7056
5nM+NA	6	-0.06163	0.19397	-0.4578	0.3345
+NA	6	-0.54795	0.19397	-0.9441	-0.1518

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Chondroitin By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.10974	-1.10974	-1.09217	-0.62632	0.073825	0.658421	0.658421
5nM-NA	-1.01308	-1.01308	-0.9864	-0.50235	0.321889	1.632012	1.632012
-NA	-0.54869	-0.54869	-0.38923	0.738717	1.188874	1.236908	1.236908
50nM+NA	-0.42544	-0.42544	-0.34159	0.648759	1.233935	1.949238	1.949238
5nM+NA	-0.50437	-0.50437	-0.30145	0.34644	1.753304	3.158821	3.158821
+NA	-2.33675	-2.33675	-1.43992	-0.88005	-0.66182	-0.59139	-0.59139

Oneway Anova

Summary of Fit

Rsquare	0.374824
Adj Rsquare	0.270628
Root Mean Square Error	0.931954
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	15.621952	3.12439	3.5973	0.0115 *
Error	30	26.056154	0.86854		
C. Total	35	41.678106			

Means for Oneway Anova

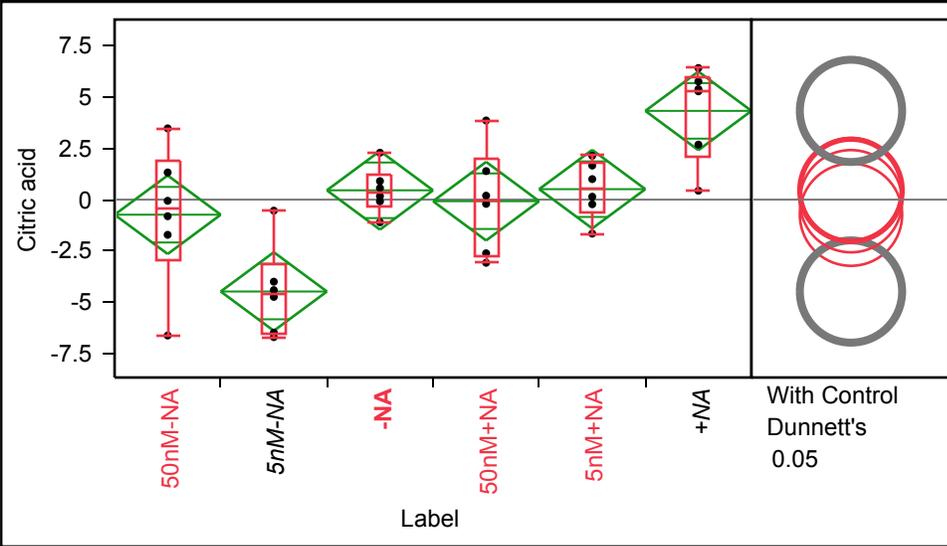
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.4852	0.38047	-1.262	0.292
5nM-NA	6	-0.2464	0.38047	-1.023	0.531
-NA	6	0.5004	0.38047	-0.277	1.277
50nM+NA	6	0.5839	0.38047	-0.193	1.361
5nM+NA	6	0.7331	0.38047	-0.044	1.510
+NA	6	-1.0858	0.38047	-1.863	-0.309

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Citric acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-6.62705	-6.62705	-2.94419	-0.43342	1.862288	3.474572	3.474572
5nM-NA	-6.70506	-6.70506	-6.54058	-4.57774	-3.1368	-0.53948	-0.53948
-NA	-1.10502	-1.10502	-0.34079	0.364703	1.24942	2.287295	2.287295
50nM+NA	-3.0793	-3.0793	-2.73258	-0.0071	2.008354	3.859498	3.859498
5nM+NA	-1.65604	-1.65604	-0.58288	0.57058	1.781055	2.140037	2.140037
+NA	0.434736	0.434736	2.120807	5.335073	5.926992	6.417313	6.417313

Oneway Anova

Summary of Fit

Rsquare	0.601362
Adj Rsquare	0.534923
Root Mean Square Error	2.29792
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	238.97313	47.7946	9.0513	<.0001 *
Error	30	158.41315	5.2804		
C. Total	35	397.38628			

Means for Oneway Anova

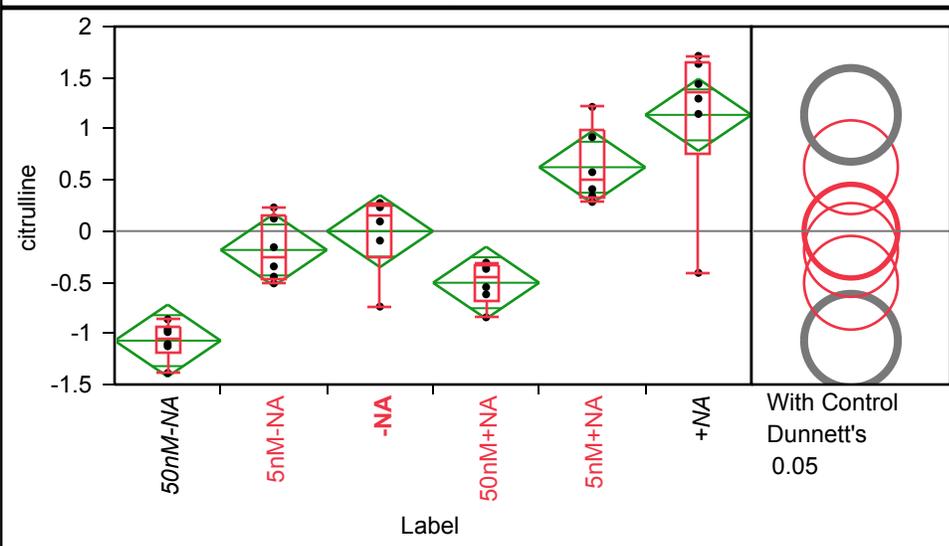
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.7352	0.93812	-2.651	1.181
5nM-NA	6	-4.4814	0.93812	-6.397	-2.565
-NA	6	0.4548	0.93812	-1.461	2.371
50nM+NA	6	-0.0766	0.93812	-1.993	1.839
5nM+NA	6	0.5102	0.93812	-1.406	2.426
+NA	6	4.3281	0.93812	2.412	6.244

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of citrulline By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.38779	-1.38779	-1.19132	-1.04526	-0.93604	-0.8626	-0.8626
5nM-NA	-0.51127	-0.51127	-0.46178	-0.25138	0.149323	0.2312	0.2312
-NA	-0.73838	-0.73838	-0.25443	0.160125	0.24393	0.275551	0.275551
50nM+NA	-0.84316	-0.84316	-0.67467	-0.45839	-0.335	-0.30783	-0.30783
5nM+NA	0.285188	0.285188	0.32869	0.493201	0.992546	1.214149	1.214149
+NA	-0.40826	-0.40826	0.757019	1.366643	1.654383	1.713091	1.713091

Oneway Anova

Summary of Fit

Rsquare	0.777572
Adj Rsquare	0.740501
Root Mean Square Error	0.42236
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	18.708482	3.74170	20.9750	<.0001 *
Error	30	5.351647	0.17839		
C. Total	35	24.060129			

Means for Oneway Anova

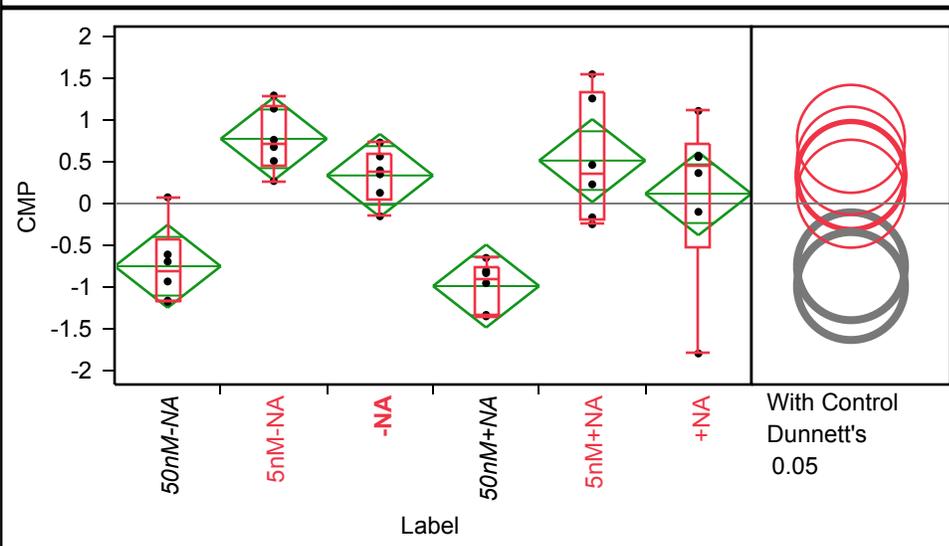
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.0712	0.17243	-1.423	-0.719
5nM-NA	6	-0.1843	0.17243	-0.536	0.168
-NA	6	-0.00038	0.17243	-0.353	0.352
50nM+NA	6	-0.5051	0.17243	-0.857	-0.153
5nM+NA	6	0.6246	0.17243	0.272	0.977
+NA	6	1.1364	0.17243	0.784	1.489

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of CMP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.17491	-1.17491	-1.1632	-0.81191	-0.43835	0.073696	0.073696
5nM-NA	0.267453	0.267453	0.446982	0.716868	1.170945	1.288873	1.288873
-NA	-0.15263	-0.15263	0.057233	0.371648	0.602737	0.727137	0.727137
50nM+NA	-1.3465	-1.3465	-1.33385	-0.89078	-0.76552	-0.64941	-0.64941
5nM+NA	-0.24748	-0.24748	-0.18608	0.344264	1.325127	1.541926	1.541926
+NA	-1.78938	-1.78938	-0.52227	0.458579	0.701649	1.104427	1.104427

Oneway Anova

Summary of Fit

Rsquare	0.588134
Adj Rsquare	0.51949
Root Mean Square Error	0.593367
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	15.083044	3.01661	8.5679	<.0001 *
Error	30	10.562532	0.35208		
C. Total	35	25.645576			

Means for Oneway Anova

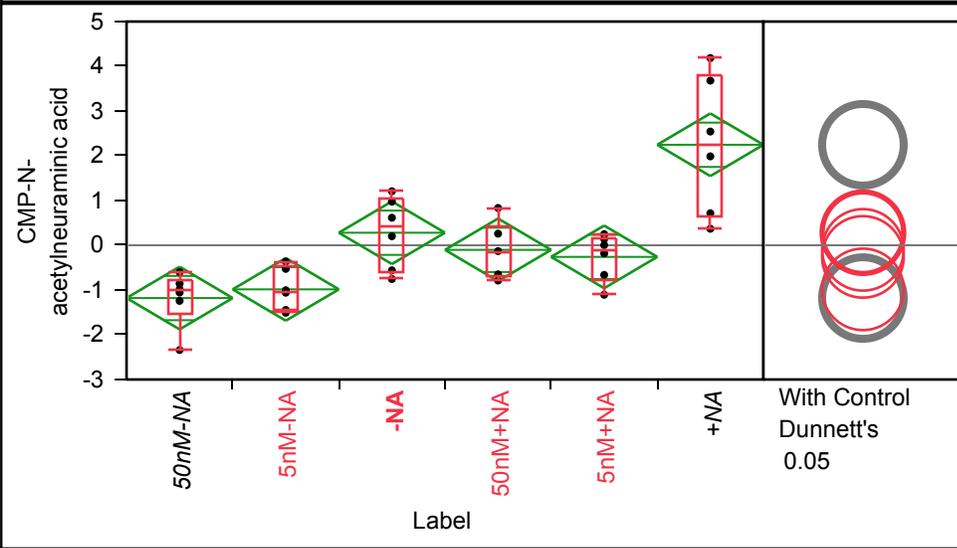
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.74889	0.24224	-1.244	-0.254
5nM-NA	6	0.77142	0.24224	0.277	1.266
-NA	6	0.33438	0.24224	-0.160	0.829
50nM+NA	6	-0.98522	0.24224	-1.480	-0.490
5nM+NA	6	0.51170	0.24224	0.017	1.006
+NA	6	0.11662	0.24224	-0.378	0.611

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of CMP-N-acetylneuraminic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.34093	-2.34093	-1.51728	-1.01894	-0.79247	-0.59843	-0.59843
5nM-NA	-1.50791	-1.50791	-1.46066	-1.03219	-0.48708	-0.36561	-0.36561
-NA	-0.75488	-0.75488	-0.60851	0.408864	1.031955	1.206422	1.206422
50nM+NA	-0.7881	-0.7881	-0.68523	-0.1342	0.402918	0.833351	0.833351
5nM+NA	-1.10564	-1.10564	-0.77339	-0.08897	0.166474	0.248714	0.248714
+NA	0.369068	0.369068	0.628897	2.264318	3.805741	4.184549	4.184549

Oneway Anova

Summary of Fit

Rsquare	0.682107
Adj Rsquare	0.629125
Root Mean Square Error	0.839648
Mean of Response	4.93e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	45.382383	9.07648	12.8743	<.0001 *
Error	30	21.150263	0.70501		
C. Total	35	66.532646			

Means for Oneway Anova

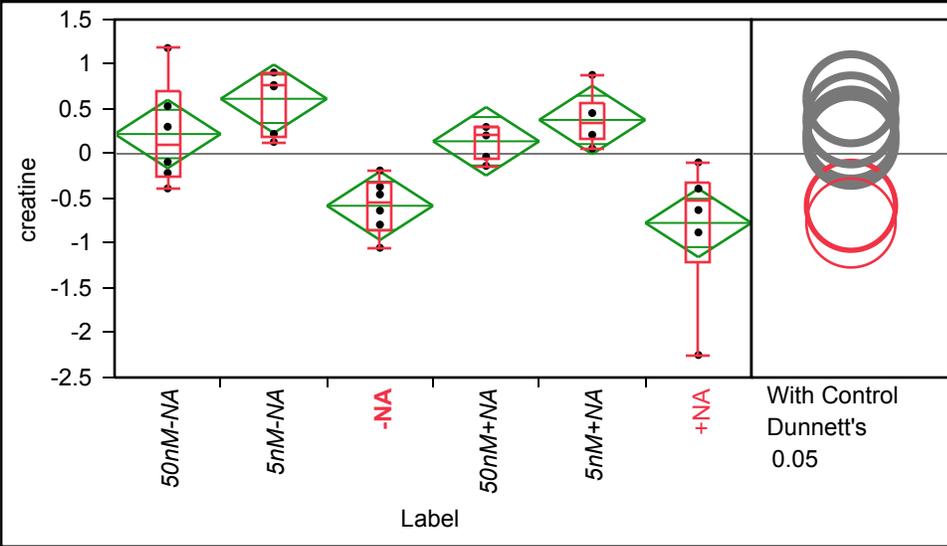
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.1795	0.34278	-1.880	-0.479
5nM-NA	6	-0.9851	0.34278	-1.685	-0.285
-NA	6	0.2806	0.34278	-0.420	0.981
50nM+NA	6	-0.1024	0.34278	-0.802	0.598
5nM+NA	6	-0.2597	0.34278	-0.960	0.440
+NA	6	2.2462	0.34278	1.546	2.946

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of creatine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.38706	-0.38706	-0.25685	0.105417	0.695104	1.181597	1.181597
5nM-NA	0.132105	0.132105	0.199799	0.760616	0.90465	0.908161	0.908161
-NA	-1.05054	-1.05054	-0.85623	-0.54481	-0.32263	-0.18635	-0.18635
50nM+NA	-0.135	-0.135	-0.05867	0.204615	0.297704	0.30013	0.30013
5nM+NA	0.058881	0.058881	0.171289	0.33375	0.561454	0.881403	0.881403
+NA	-2.24841	-2.24841	-1.22106	-0.51173	-0.31579	-0.09602	-0.09602

Oneway Anova

Summary of Fit

Rsquare	0.591588
Adj Rsquare	0.523519
Root Mean Square Error	0.458677
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.142294	1.82846	8.6910	<.0001 *
Error	30	6.311532	0.21038		
C. Total	35	15.453826			

Means for Oneway Anova

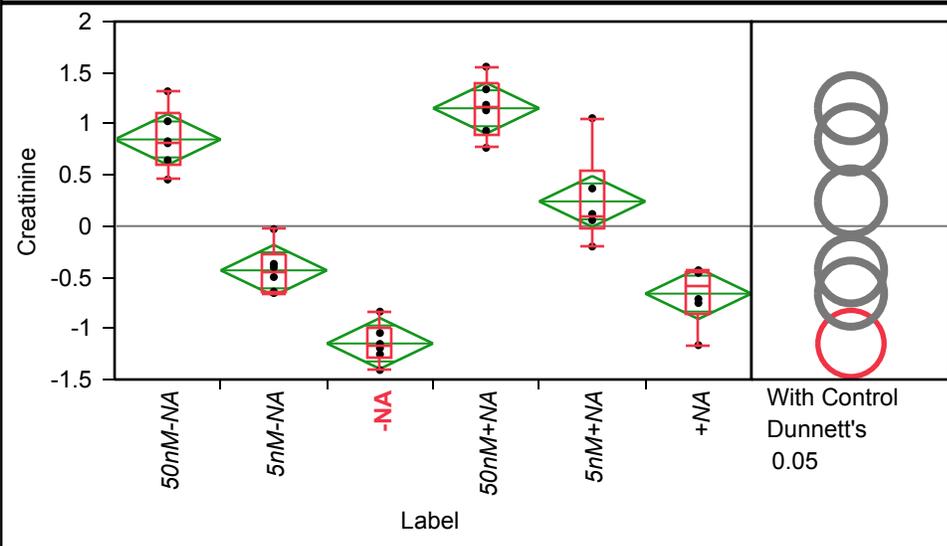
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.22081	0.18725	-0.162	0.6032
5nM-NA	6	0.61456	0.18725	0.232	0.9970
-NA	6	-0.58100	0.18725	-0.963	-0.1986
50nM+NA	6	0.13967	0.18725	-0.243	0.5221
5nM+NA	6	0.37856	0.18725	-0.0039	0.7610
+NA	6	-0.77259	0.18725	-1.155	-0.3902

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Creatinine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.455337	0.455337	0.597391	0.819742	1.098537	1.317918	1.317918
5nM-NA	-0.65442	-0.65442	-0.64397	-0.45072	-0.28449	-0.02979	-0.02979
-NA	-1.40703	-1.40703	-1.29172	-1.17235	-0.99274	-0.83623	-0.83623
50nM+NA	0.765479	0.765479	0.890815	1.158928	1.392774	1.558608	1.558608
5nM+NA	-0.19971	-0.19971	-0.01268	0.087853	0.5399	1.055384	1.055384
+NA	-1.16426	-1.16426	-0.85514	-0.58522	-0.44091	-0.43148	-0.43148

Oneway Anova

Summary of Fit

Rsquare	0.901042
Adj Rsquare	0.884548
Root Mean Square Error	0.298024
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	24.261330	4.85227	54.6315	<.0001 *
Error	30	2.664542	0.08882		
C. Total	35	26.925872			

Means for Oneway Anova

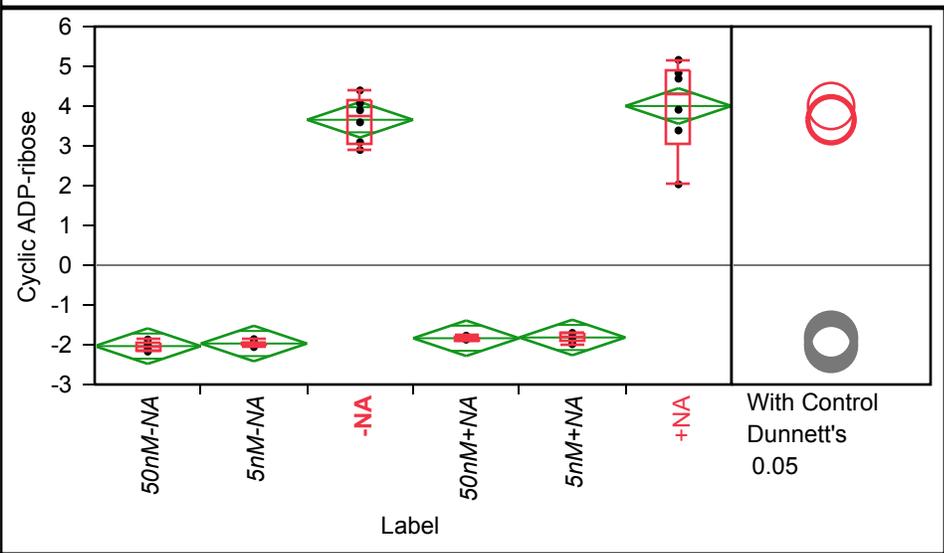
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.8471	0.12167	0.599	1.096
5nM-NA	6	-0.4326	0.12167	-0.681	-0.184
-NA	6	-1.1477	0.12167	-1.396	-0.899
50nM+NA	6	1.1520	0.12167	0.904	1.400
5nM+NA	6	0.2415	0.12167	-0.007	0.490
+NA	6	-0.6604	0.12167	-0.909	-0.412

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Cyclic ADP-ribose By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.172	-2.172	-2.12586	-2.03842	-1.95071	-1.8682	-1.8682
5nM-NA	-2.0585	-2.0585	-2.01869	-1.97391	-1.92517	-1.85947	-1.85947
-NA	2.896764	2.896764	3.043147	3.743374	4.149887	4.394103	4.394103
50nM+NA	-1.88855	-1.88855	-1.87866	-1.84855	-1.78292	-1.7729	-1.7729
5nM+NA	-1.98573	-1.98573	-1.91724	-1.80541	-1.7113	-1.7022	-1.7022
+NA	2.032615	2.032615	3.048999	4.299434	4.915025	5.161477	5.161477

Oneway Anova

Summary of Fit

Rsquare	0.968536
Adj Rsquare	0.963292
Root Mean Square Error	0.535179
Mean of Response	-9.9e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	264.50011	52.9000	184.6963	<.0001 *
Error	30	8.59249	0.2864		
C. Total	35	273.09260			

Means for Oneway Anova

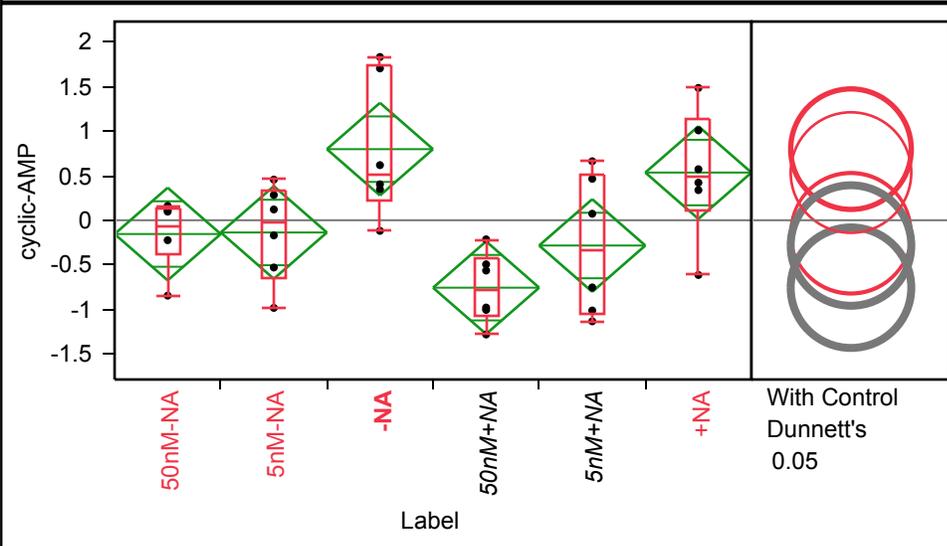
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-2.0343	0.21849	-2.480	-1.588
5nM-NA	6	-1.9697	0.21849	-2.416	-1.524
-NA	6	3.6563	0.21849	3.210	4.103
50nM+NA	6	-1.8367	0.21849	-2.283	-1.390
5nM+NA	6	-1.8179	0.21849	-2.264	-1.372
+NA	6	4.0023	0.21849	3.556	4.448

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of cyclic-AMP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.8474	-0.8474	-0.38266	-0.06399	0.124588	0.161753	0.161753
5nM-NA	-0.98525	-0.98525	-0.64497	-0.02474	0.327129	0.456646	0.456646
-NA	-0.11915	-0.11915	0.230988	0.511526	1.739032	1.834879	1.834879
50nM+NA	-1.28413	-1.28413	-1.07674	-0.77366	-0.4253	-0.21476	-0.21476
5nM+NA	-1.13627	-1.13627	-1.04508	-0.34127	0.51489	0.662758	0.662758
+NA	-0.61543	-0.61543	0.100053	0.497681	1.129356	1.487129	1.487129

Oneway Anova

Summary of Fit

Rsquare	0.454475
Adj Rsquare	0.363555
Root Mean Square Error	0.624416
Mean of Response	-2.5e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.744623	1.94892	4.9986	0.0019 *
Error	30	11.696853	0.38990		
C. Total	35	21.441476			

Means for Oneway Anova

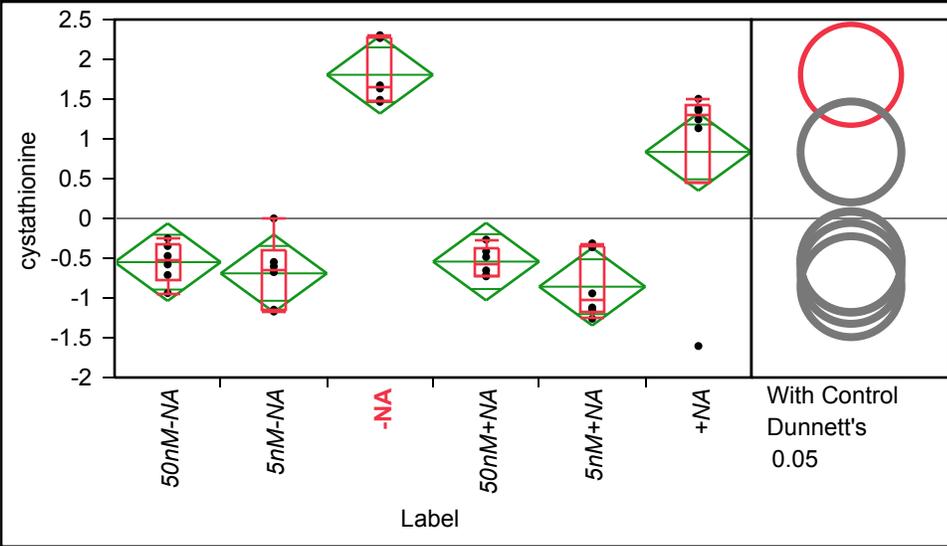
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.15486	0.25492	-0.675	0.366
5nM-NA	6	-0.13761	0.25492	-0.658	0.383
-NA	6	0.79893	0.25492	0.278	1.320
50nM+NA	6	-0.75822	0.25492	-1.279	-0.238
5nM+NA	6	-0.28419	0.25492	-0.805	0.236
+NA	6	0.53595	0.25492	0.015	1.057

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of cystathionine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.93875	-0.93875	-0.76835	-0.52511	-0.32306	-0.25125	-0.25125
5nM-NA	-1.17119	-1.17119	-1.15347	-0.63947	-0.41047	0.000707	0.000707
-NA	1.46475	1.46475	1.484678	1.65323	2.276402	2.303491	2.303491
50nM+NA	-0.72832	-0.72832	-0.7154	-0.56901	-0.37641	-0.26632	-0.26632
5nM+NA	-1.26106	-1.26106	-1.17795	-1.03138	-0.34998	-0.31357	-0.31357
+NA	-1.60417	-1.60417	0.449182	1.30051	1.412565	1.503918	1.503918

Oneway Anova

Summary of Fit

Rsquare	0.771611
Adj Rsquare	0.733546
Root Mean Square Error	0.584434
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	34.618988	6.92380	20.2709	<.0001 *
Error	30	10.246891	0.34156		
C. Total	35	44.865879			

Means for Oneway Anova

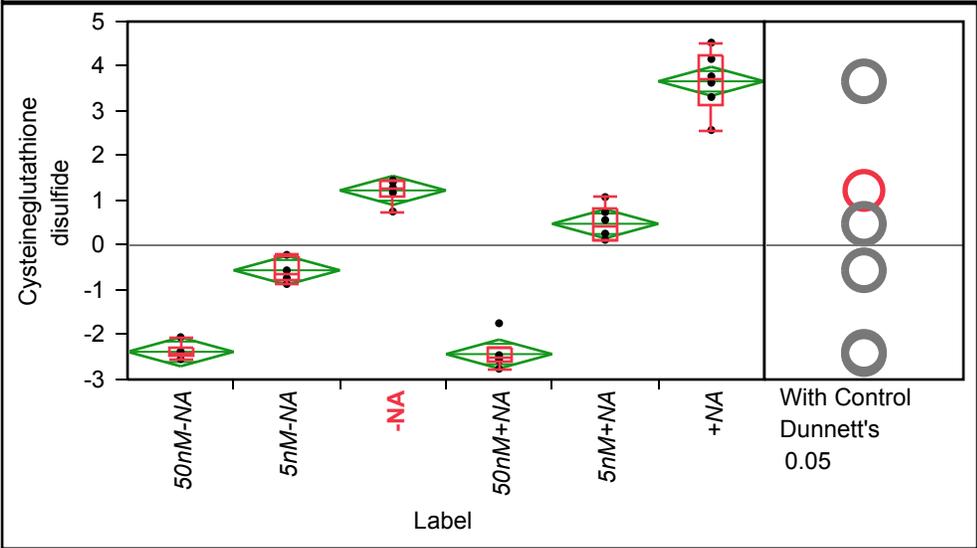
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.5498	0.23859	-1.037	-0.063
5nM-NA	6	-0.6908	0.23859	-1.178	-0.203
-NA	6	1.8056	0.23859	1.318	2.293
50nM+NA	6	-0.5428	0.23859	-1.030	-0.056
5nM+NA	6	-0.8583	0.23859	-1.346	-0.371
+NA	6	0.8361	0.23859	0.349	1.323

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Cysteineglutathione disulfide By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.54351	-2.54351	-2.4694	-2.43557	-2.2913	-2.05319	-2.05319
5nM-NA	-0.86662	-0.86662	-0.77467	-0.64582	-0.23064	-0.2141	-0.2141
-NA	0.754695	0.754695	1.072733	1.278969	1.423362	1.451949	1.451949
50nM+NA	-2.75962	-2.75962	-2.62139	-2.52932	-2.27773	-1.74254	-1.74254
5nM+NA	0.119035	0.119035	0.12056	0.412715	0.82395	1.077268	1.077268
+NA	2.575387	2.575387	3.128589	3.70415	4.254489	4.528792	4.528792

Oneway Anova

Summary of Fit

Rsquare	0.9729
Adj Rsquare	0.968384
Root Mean Square Error	0.388256
Mean of Response	2.778e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	162.35235	32.4705	215.4036	<.0001 *
Error	30	4.52227	0.1507		
C. Total	35	166.87462			

Means for Oneway Anova

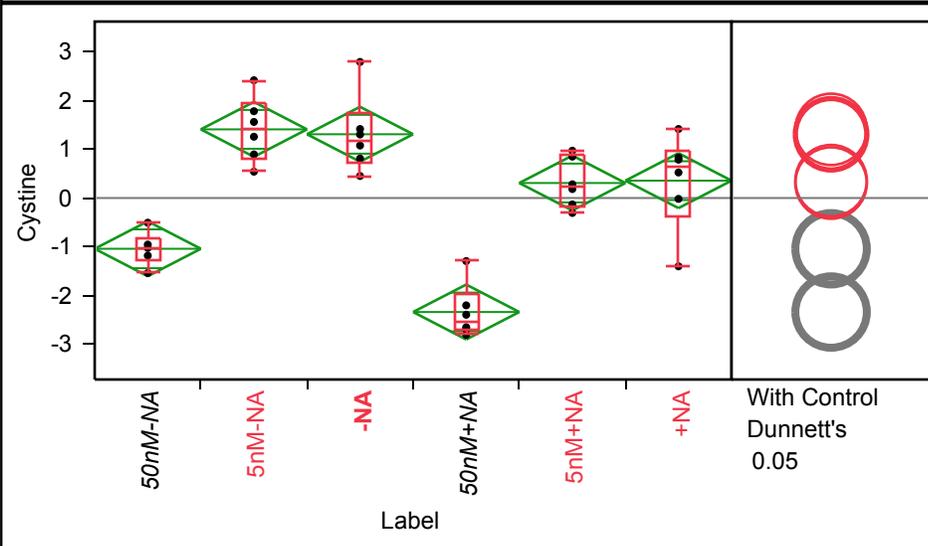
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-2.3805	0.15850	-2.704	-2.057
5nM-NA	6	-0.5588	0.15850	-0.882	-0.235
-NA	6	1.2262	0.15850	0.902	1.550
50nM+NA	6	-2.4320	0.15850	-2.756	-2.108
5nM+NA	6	0.4804	0.15850	0.157	0.804
+NA	6	3.6648	0.15850	3.341	3.988

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Cystine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.54447	-1.54447	-1.27552	-1.03707	-0.84593	-0.50813	-0.50813
5nM-NA	0.542279	0.542279	0.809405	1.413857	1.946733	2.425012	2.425012
-NA	0.453678	0.453678	0.723268	1.19366	1.766129	2.80153	2.80153
50nM+NA	-2.81499	-2.81499	-2.72606	-2.53218	-1.98218	-1.29841	-1.29841
5nM+NA	-0.30813	-0.30813	-0.17587	0.233285	0.883031	0.974067	0.974067
+NA	-1.40628	-1.40628	-0.36496	0.657084	0.980455	1.420906	1.420906

Oneway Anova

Summary of Fit

Rsquare	0.821157
Adj Rsquare	0.79135
Root Mean Square Error	0.677801
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	63.282213	12.6564	27.5491	<.0001 *
Error	30	13.782443	0.4594		
C. Total	35	77.064656			

Means for Oneway Anova

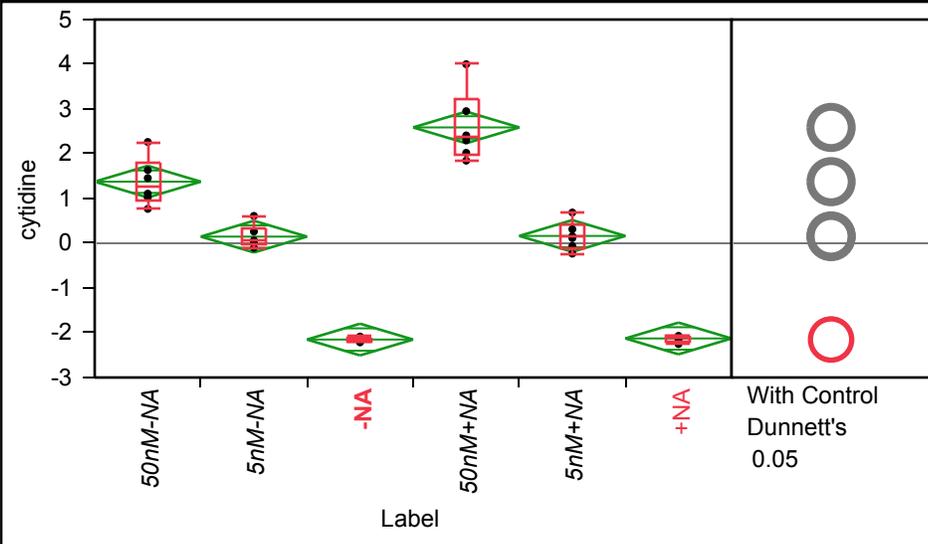
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.0452	0.27671	-1.610	-0.480
5nM-NA	6	1.4135	0.27671	0.848	1.979
-NA	6	1.3128	0.27671	0.748	1.878
50nM+NA	6	-2.3474	0.27671	-2.912	-1.782
5nM+NA	6	0.3089	0.27671	-0.256	0.874
+NA	6	0.3574	0.27671	-0.208	0.923

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of cytidine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.768863	0.768863	0.961987	1.282933	1.793094	2.263768	2.263768
5nM-NA	-0.10217	-0.10217	-0.01055	0.050832	0.349909	0.611528	0.611528
-NA	-2.21469	-2.21469	-2.19591	-2.16379	-2.09116	-2.08499	-2.08499
50nM+NA	1.846733	1.846733	1.977855	2.355754	3.214898	4.002038	4.002038
5nM+NA	-0.23075	-0.23075	-0.10386	0.137178	0.407649	0.686947	0.686947
+NA	-2.25181	-2.25181	-2.18849	-2.09795	-2.07577	-2.06963	-2.06963

Oneway Anova

Summary of Fit

Rsquare	0.951787
Adj Rsquare	0.943751
Root Mean Square Error	0.424684
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	106.81361	21.3627	118.4469	<.0001 *
Error	30	5.41071	0.1804		
C. Total	35	112.22431			

Means for Oneway Anova

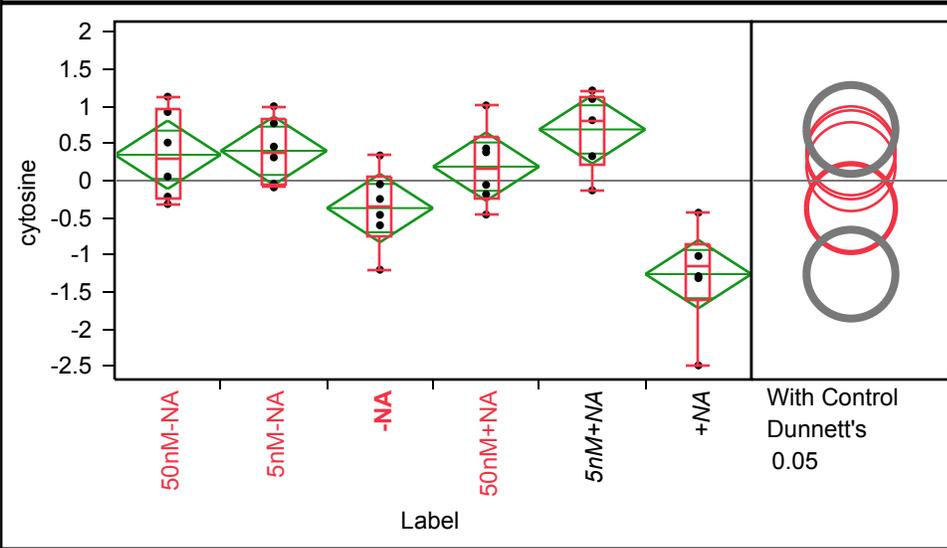
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.3768	0.17338	1.023	1.731
5nM-NA	6	0.1490	0.17338	-0.205	0.503
-NA	6	-2.1517	0.17338	-2.506	-1.798
50nM+NA	6	2.5891	0.17338	2.235	2.943
5nM+NA	6	0.1639	0.17338	-0.190	0.518
+NA	6	-2.1271	0.17338	-2.481	-1.773

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of cytosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.31561	-0.31561	-0.24107	0.284265	0.976821	1.131485	1.131485
5nM-NA	-0.09087	-0.09087	-0.05487	0.386488	0.83011	1.002679	1.002679
-NA	-1.20129	-1.20129	-0.75113	-0.35399	0.047937	0.339415	0.339415
50nM+NA	-0.45695	-0.45695	-0.25296	0.162965	0.579006	1.014027	1.014027
5nM+NA	-0.13165	-0.13165	0.214249	0.812554	1.13009	1.215709	1.215709
+NA	-2.4901	-2.4901	-1.60797	-1.15417	-0.86986	-0.43189	-0.43189

Oneway Anova

Summary of Fit

Rsquare	0.62328
Adj Rsquare	0.560494
Root Mean Square Error	0.551928
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	15.120001	3.02400	9.9270	<.0001 *
Error	30	9.138751	0.30463		
C. Total	35	24.258752			

Means for Oneway Anova

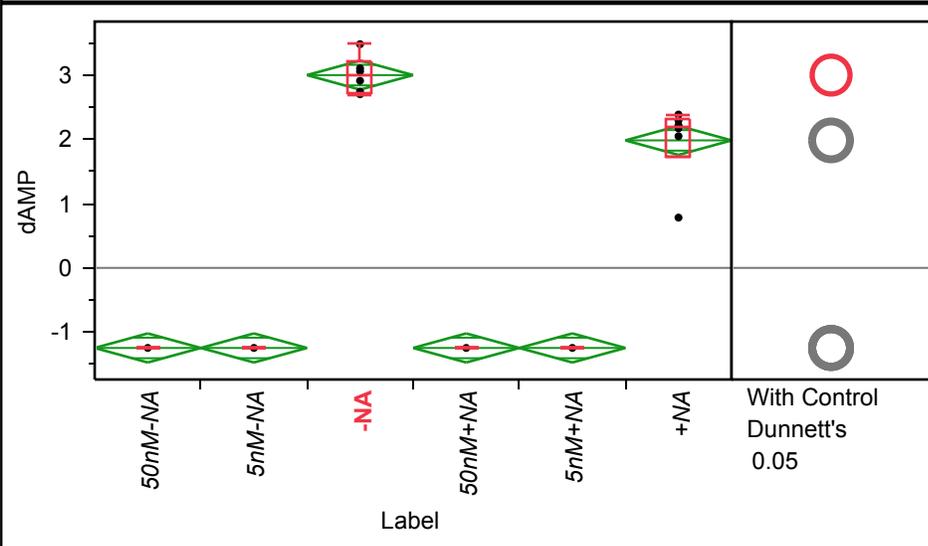
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.3489	0.22532	-0.111	0.809
5nM-NA	6	0.4024	0.22532	-0.058	0.863
-NA	6	-0.3700	0.22532	-0.830	0.090
50nM+NA	6	0.1887	0.22532	-0.271	0.649
5nM+NA	6	0.6900	0.22532	0.230	1.150
+NA	6	-1.2600	0.22532	-1.720	-0.800

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of dAMP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.24608	-1.24608	-1.24607	-1.24605	-1.24599	-1.24594	-1.24594
5nM-NA	-1.24608	-1.24608	-1.24602	-1.24597	-1.24593	-1.24592	-1.24592
-NA	2.701832	2.701832	2.732119	2.984835	3.199126	3.481271	3.481271
50nM+NA	-1.24608	-1.24608	-1.24606	-1.24605	-1.24602	-1.24602	-1.24602
5nM+NA	-1.2461	-1.2461	-1.24609	-1.24605	-1.246	-1.24597	-1.24597
+NA	0.782468	0.782468	1.732472	2.19562	2.318335	2.385869	2.385869

Oneway Anova

Summary of Fit

Rsquare	0.981155
Adj Rsquare	0.978014
Root Mean Square Error	0.271202
Mean of Response	5.556e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	114.88196	22.9764	312.3881	<.0001 *
Error	30	2.20652	0.0736		
C. Total	35	117.08849			

Means for Oneway Anova

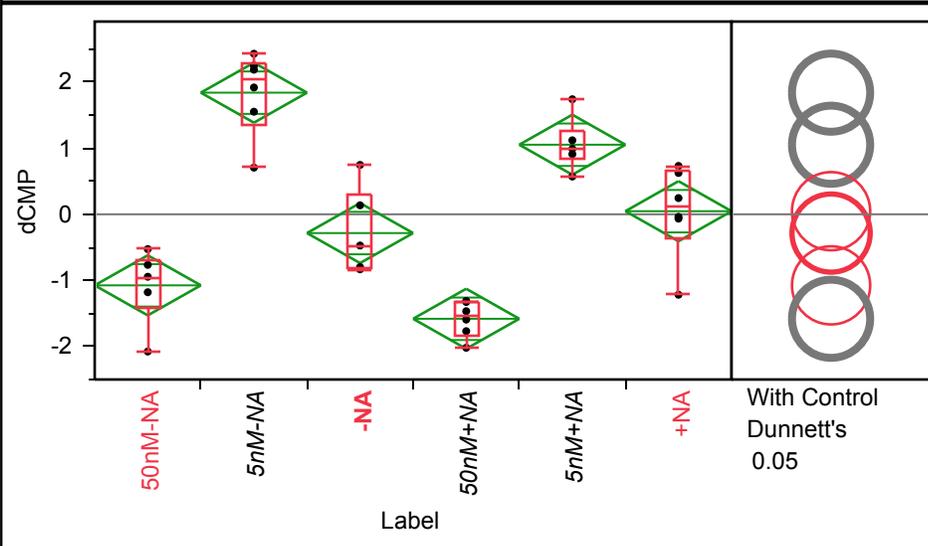
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.2460	0.11072	-1.472	-1.020
5nM-NA	6	-1.2460	0.11072	-1.472	-1.020
-NA	6	3.0000	0.11072	2.774	3.226
50nM+NA	6	-1.2460	0.11072	-1.472	-1.020
5nM+NA	6	-1.2460	0.11072	-1.472	-1.020
+NA	6	1.9841	0.11072	1.758	2.210

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of dCMP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.07627	-2.07627	-1.40357	-0.95173	-0.70564	-0.52662	-0.52662
5nM-NA	0.706389	0.706389	1.340632	2.053578	2.294051	2.429346	2.429346
-NA	-0.83241	-0.83241	-0.80683	-0.47854	0.288659	0.747092	0.747092
50nM+NA	-2.01978	-2.01978	-1.83133	-1.53	-1.32301	-1.31155	-1.31155
5nM+NA	0.571618	0.571618	0.825493	0.987304	1.274819	1.740636	1.740636
+NA	-1.21685	-1.21685	-0.35306	0.103348	0.652207	0.731706	0.731706

Oneway Anova

Summary of Fit

Rsquare	0.847259
Adj Rsquare	0.821802
Root Mean Square Error	0.544904
Mean of Response	2.47e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	49.410784	9.88216	33.2822	<.0001 *
Error	30	8.907618	0.29692		
C. Total	35	58.318402			

Means for Oneway Anova

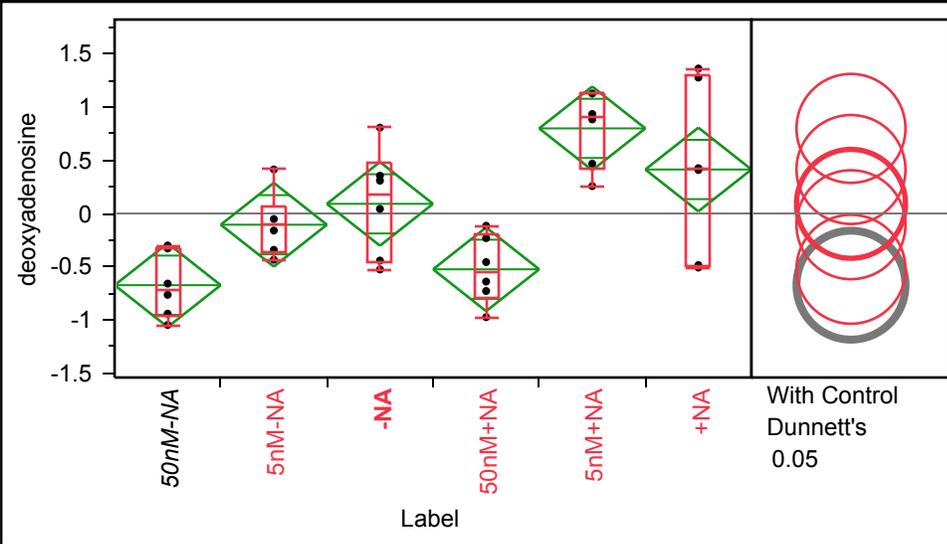
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.0752	0.22246	-1.529	-0.621
5nM-NA	6	1.8406	0.22246	1.386	2.295
-NA	6	-0.2841	0.22246	-0.738	0.170
50nM+NA	6	-1.5811	0.22246	-2.035	-1.127
5nM+NA	6	1.0528	0.22246	0.598	1.507
+NA	6	0.0470	0.22246	-0.407	0.501

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of deoxyadenosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.04657	-1.04657	-0.96732	-0.71103	-0.32137	-0.30058	-0.30058
5nM-NA	-0.43376	-0.43376	-0.36469	-0.10942	0.064264	0.413081	0.413081
-NA	-0.52563	-0.52563	-0.46293	0.175573	0.467296	0.805535	0.805535
50nM+NA	-0.97343	-0.97343	-0.7894	-0.54784	-0.20232	-0.11531	-0.11531
5nM+NA	0.257093	0.257093	0.415242	0.908729	1.125219	1.126446	1.126446
+NA	-0.50791	-0.50791	-0.49066	0.416959	1.297201	1.361041	1.361041

Oneway Anova

Summary of Fit

Rsquare	0.583412
Adj Rsquare	0.513981
Root Mean Square Error	0.471368
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.334925	1.86699	8.4027	<.0001 *
Error	30	6.665641	0.22219		
C. Total	35	16.000566			

Means for Oneway Anova

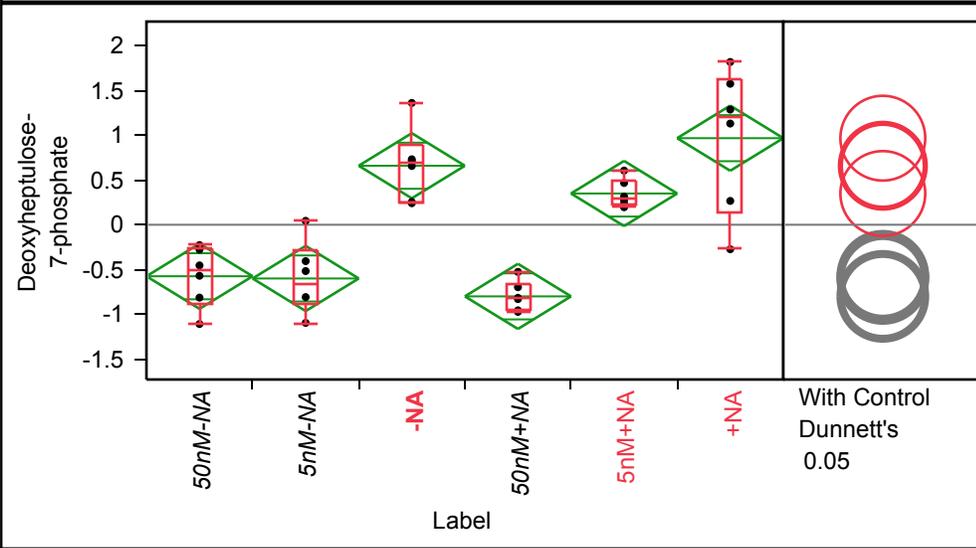
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.67307	0.19244	-1.066	-0.280
5nM-NA	6	-0.10553	0.19244	-0.499	0.287
-NA	6	0.09059	0.19244	-0.302	0.484
50nM+NA	6	-0.52397	0.19244	-0.917	-0.131
5nM+NA	6	0.79896	0.19244	0.406	1.192
+NA	6	0.41301	0.19244	0.020	0.806

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Deoxyheptulose-7-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.10995	-1.10995	-0.88868	-0.51251	-0.26521	-0.22767	-0.22767
5nM-NA	-1.0974	-1.0974	-0.88693	-0.66352	-0.29429	0.043753	0.043753
-NA	0.240826	0.240826	0.25146	0.68456	0.889557	1.362124	1.362124
50nM+NA	-0.97426	-0.97426	-0.96151	-0.82431	-0.65534	-0.52717	-0.52717
5nM+NA	0.195796	0.195796	0.225555	0.296387	0.50199	0.605859	0.605859
+NA	-0.27377	-0.27377	0.131542	1.20966	1.637324	1.820114	1.820114

Oneway Anova

Summary of Fit

Rsquare	0.747697
Adj Rsquare	0.705646
Root Mean Square Error	0.436932
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	16.972772	3.39455	17.7809	<.0001 *
Error	30	5.727297	0.19091		
C. Total	35	22.700069			

Means for Oneway Anova

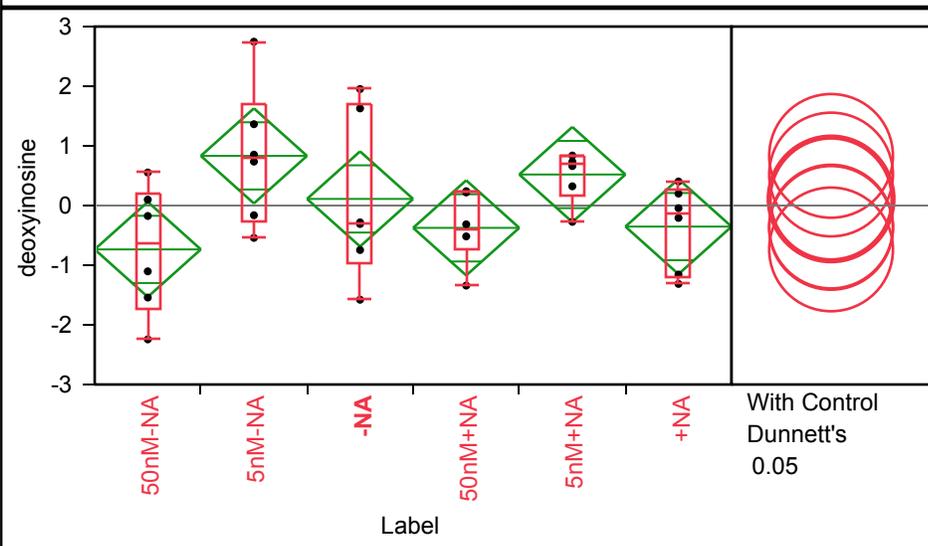
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.57588	0.17838	-0.940	-0.212
5nM-NA	6	-0.60074	0.17838	-0.965	-0.236
-NA	6	0.65985	0.17838	0.296	1.024
50nM+NA	6	-0.80090	0.17838	-1.165	-0.437
5nM+NA	6	0.34954	0.17838	-0.015	0.714
+NA	6	0.96812	0.17838	0.604	1.332

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of deoxyinosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.24372	-2.24372	-1.71772	-0.63899	0.212386	0.55319	0.55319
5nM-NA	-0.54212	-0.54212	-0.25767	0.794415	1.70885	2.746039	2.746039
-NA	-1.5787	-1.5787	-0.95402	-0.29608	1.709311	1.952691	1.952691
50nM+NA	-1.34218	-1.34218	-0.73388	-0.41636	0.224969	0.240293	0.240293
5nM+NA	-0.27349	-0.27349	0.173412	0.697726	0.837747	0.837755	0.837755
+NA	-1.31382	-1.31382	-1.19609	-0.12551	0.250591	0.402694	0.402694

Oneway Anova

Summary of Fit

Rsquare	0.280579
Adj Rsquare	0.160676
Root Mean Square Error	0.955602
Mean of Response	-8.3e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	10.684345	2.13687	2.3400	0.0659
Error	30	27.395239	0.91317		
C. Total	35	38.079584			

Means for Oneway Anova

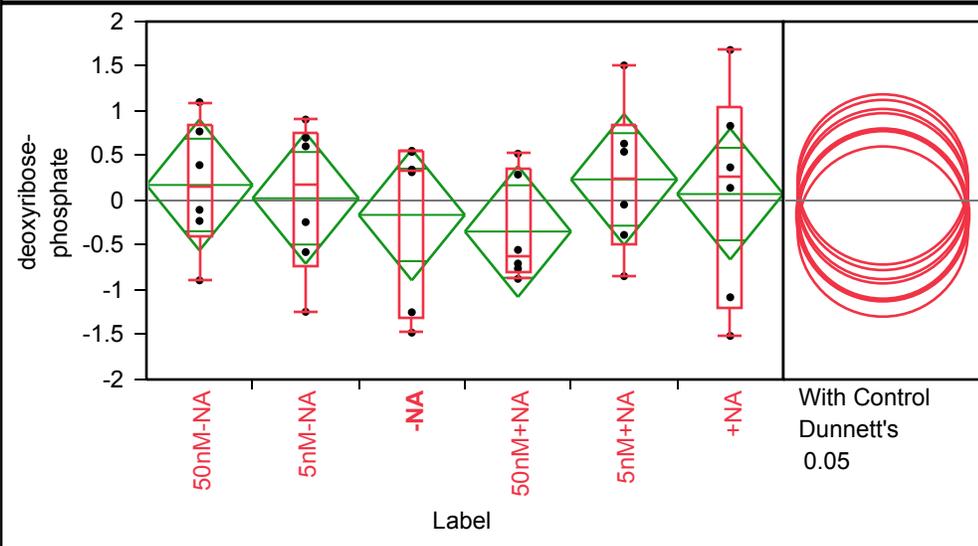
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.73535	0.39012	-1.532	0.0614
5nM-NA	6	0.83217	0.39012	0.035	1.6289
-NA	6	0.11070	0.39012	-0.686	0.9074
50nM+NA	6	-0.37431	0.39012	-1.171	0.4224
5nM+NA	6	0.51997	0.39012	-0.277	1.3167
+NA	6	-0.35319	0.39012	-1.150	0.4436

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of deoxyribose-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.89205	-0.89205	-0.39408	0.145815	0.853665	1.098976	1.098976
5nM-NA	-1.24351	-1.24351	-0.74304	0.182169	0.752217	0.904672	0.904672
-NA	-1.47648	-1.47648	-1.30566	0.331155	0.546203	0.555417	0.555417
50nM+NA	-0.87525	-0.87525	-0.78939	-0.62765	0.348161	0.523297	0.523297
5nM+NA	-0.8456	-0.8456	-0.49957	0.249627	0.854214	1.509638	1.509638
+NA	-1.5127	-1.5127	-1.18904	0.255952	1.046393	1.68222	1.68222

Oneway Anova

Summary of Fit

Rsquare	0.058197
Adj Rsquare	-0.09877
Root Mean Square Error	0.876697
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	1.424815	0.284963	0.3708	0.8646
Error	30	23.057928	0.768598		
C. Total	35	24.482743			

Means for Oneway Anova

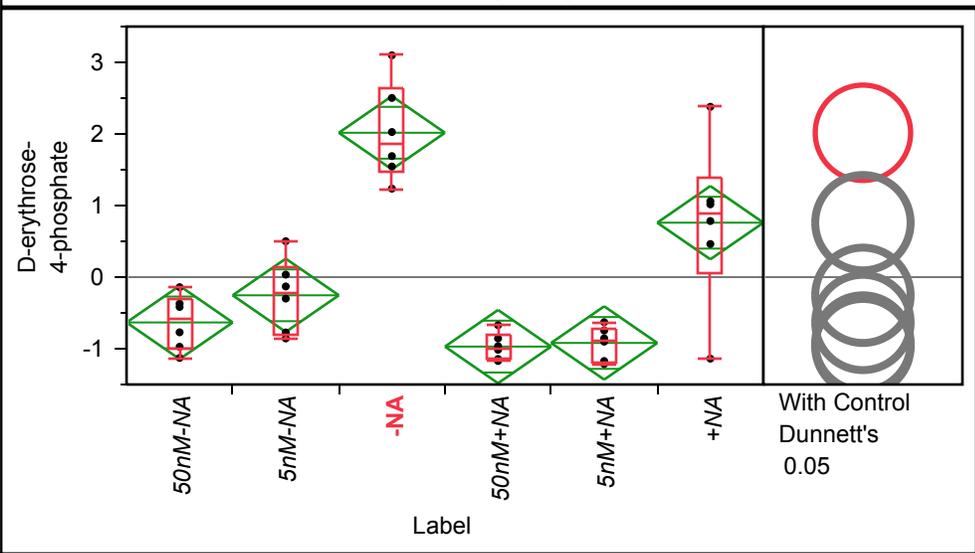
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.17373	0.35791	-0.557	0.90468
5nM-NA	6	0.02511	0.35791	-0.706	0.75606
-NA	6	-0.16072	0.35791	-0.892	0.57023
50nM+NA	6	-0.34637	0.35791	-1.077	0.38458
5nM+NA	6	0.23580	0.35791	-0.495	0.96675
+NA	6	0.07245	0.35791	-0.658	0.80340

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of D-erythrose-4-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.1282	-1.1282	-1.01166	-0.59371	-0.31306	-0.14052	-0.14052
5nM-NA	-0.85632	-0.85632	-0.79407	-0.21515	0.151681	0.501459	0.501459
-NA	1.235995	1.235995	1.467615	1.858588	2.65158	3.098131	3.098131
50nM+NA	-1.17135	-1.17135	-1.15065	-0.98949	-0.8103	-0.67137	-0.67137
5nM+NA	-1.2138	-1.2138	-1.18226	-0.87802	-0.71673	-0.62931	-0.62931
+NA	-1.13857	-1.13857	0.062101	0.900166	1.389521	2.379116	2.379116

Oneway Anova

Summary of Fit

Rsquare	0.785483
Adj Rsquare	0.74973
Root Mean Square Error	0.61377
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	41.381630	8.27633	21.9698	<.0001 *
Error	30	11.301420	0.37671		
C. Total	35	52.683050			

Means for Oneway Anova

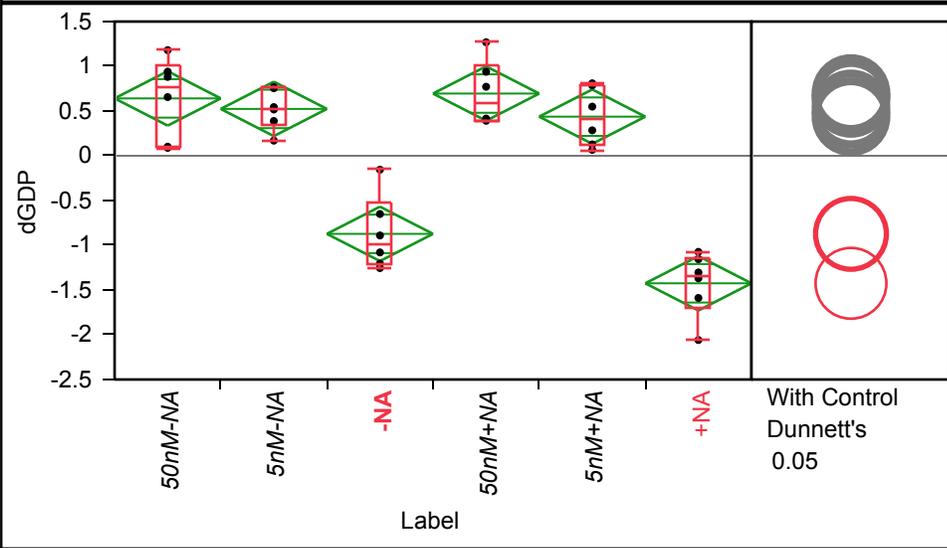
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.6333	0.25057	-1.145	-0.122
5nM-NA	6	-0.2539	0.25057	-0.766	0.258
-NA	6	2.0165	0.25057	1.505	2.528
50nM+NA	6	-0.9703	0.25057	-1.482	-0.459
5nM+NA	6	-0.9195	0.25057	-1.431	-0.408
+NA	6	0.7605	0.25057	0.249	1.272

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of dGDP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.088755	0.088755	0.097955	0.768651	1.000195	1.180446	1.180446
5nM-NA	0.169532	0.169532	0.333779	0.530678	0.758143	0.767669	0.767669
-NA	-1.25486	-1.25486	-1.2173	-0.98511	-0.52657	-0.15514	-0.15514
50nM+NA	0.386117	0.386117	0.390083	0.593485	1.021414	1.268711	1.268711
5nM+NA	0.066291	0.066291	0.112002	0.416843	0.792208	0.809808	0.809808
+NA	-2.05872	-2.05872	-1.70621	-1.33645	-1.13521	-1.07385	-1.07385

Oneway Anova

Summary of Fit

Rsquare	0.861995
Adj Rsquare	0.838994
Root Mean Square Error	0.364623
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	24.912530	4.98251	37.4765	<.0001 *
Error	30	3.988501	0.13295		
C. Total	35	28.901031			

Means for Oneway Anova

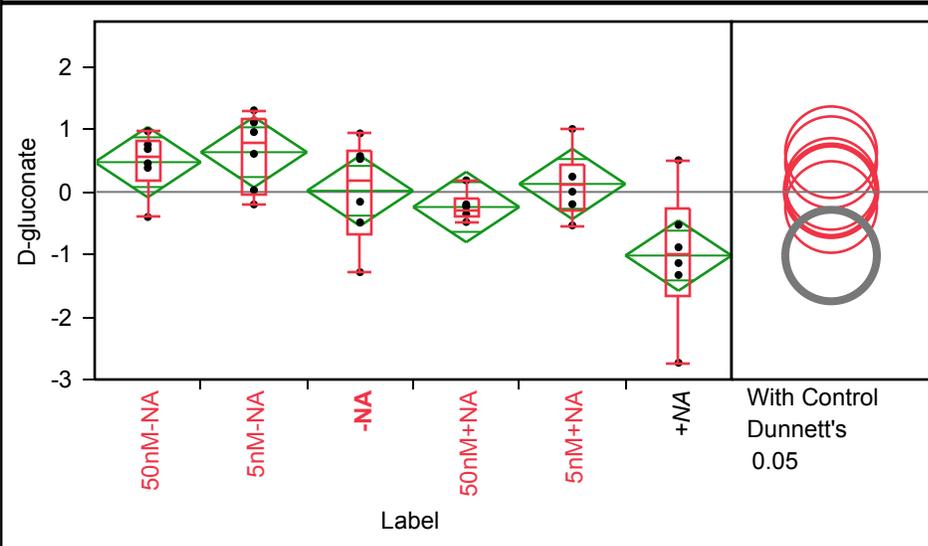
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.6413	0.14886	0.337	0.945
5nM-NA	6	0.5237	0.14886	0.220	0.828
-NA	6	-0.8726	0.14886	-1.177	-0.569
50nM+NA	6	0.6954	0.14886	0.391	0.999
5nM+NA	6	0.4372	0.14886	0.133	0.741
+NA	6	-1.4250	0.14886	-1.729	-1.121

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of D-gluconate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.4012	-0.4012	0.188891	0.572243	0.809922	0.971483	0.971483
5nM-NA	-0.19993	-0.19993	-0.02824	0.783601	1.160399	1.305663	1.305663
-NA	-1.28392	-1.28392	-0.6863	0.184807	0.666171	0.936187	0.936187
50nM+NA	-0.48089	-0.48089	-0.39413	-0.29315	-0.1033	0.185715	0.185715
5nM+NA	-0.53527	-0.53527	-0.28076	0.123632	0.435295	1.00767	1.00767
+NA	-2.73212	-2.73212	-1.67931	-1.0112	-0.26901	0.507537	0.507537

Oneway Anova

Summary of Fit

Rsquare	0.433398
Adj Rsquare	0.338964
Root Mean Square Error	0.674551
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	10.441417	2.08828	4.5894	0.0032 *
Error	30	13.650578	0.45502		
C. Total	35	24.091995			

Means for Oneway Anova

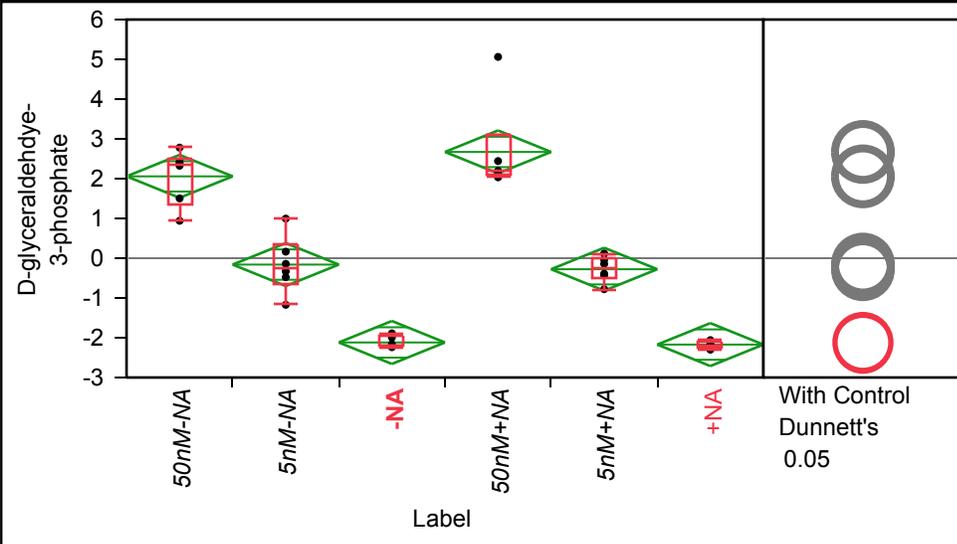
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.4761	0.27538	-0.086	1.038
5nM-NA	6	0.6356	0.27538	0.073	1.198
-NA	6	0.0185	0.27538	-0.544	0.581
50nM+NA	6	-0.2411	0.27538	-0.803	0.321
5nM+NA	6	0.1280	0.27538	-0.434	0.690
+NA	6	-1.0172	0.27538	-1.580	-0.455

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of D-glyceraldehyde-3-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.940811	0.940811	1.362641	2.348663	2.51284	2.779431	2.779431
5nM-NA	-1.17182	-1.17182	-0.65098	-0.23659	0.371801	0.994755	0.994755
-NA	-2.23808	-2.23808	-2.225	-2.18478	-1.96814	-1.89042	-1.89042
50nM+NA	2.033092	2.033092	2.096857	2.187855	3.096649	5.060323	5.060323
5nM+NA	-0.77896	-0.77896	-0.51949	-0.26674	0.001863	0.116704	0.116704
+NA	-2.29982	-2.29982	-2.23524	-2.17963	-2.08959	-2.06079	-2.06079

Oneway Anova

Summary of Fit

Rsquare	0.908004
Adj Rsquare	0.892672
Root Mean Square Error	0.647346
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	124.08356	24.8167	59.2203	<.0001 *
Error	30	12.57172	0.4191		
C. Total	35	136.65528			

Means for Oneway Anova

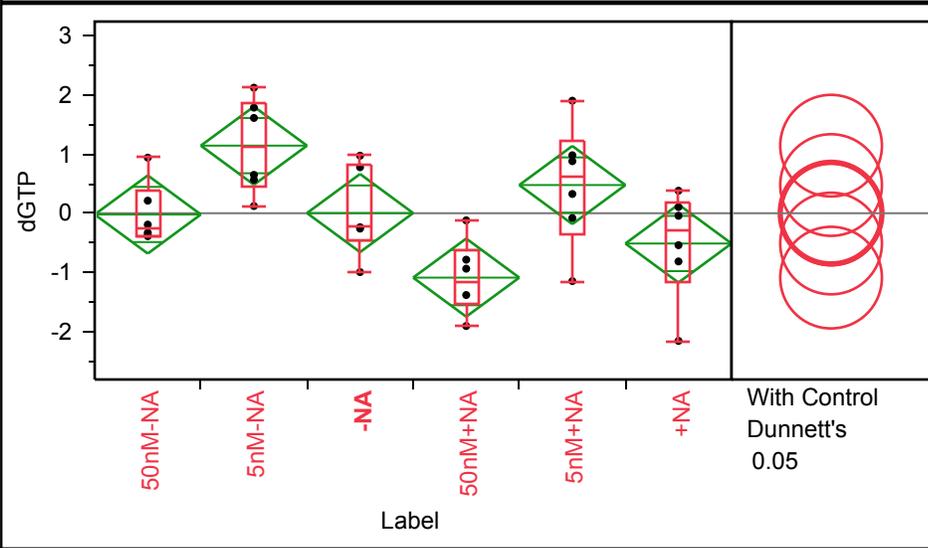
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	2.0575	0.26428	1.518	2.597
5nM-NA	6	-0.1606	0.26428	-0.700	0.379
-NA	6	-2.1188	0.26428	-2.659	-1.579
50nM+NA	6	2.6716	0.26428	2.132	3.211
5nM+NA	6	-0.2775	0.26428	-0.817	0.262
+NA	6	-2.1721	0.26428	-2.712	-1.632

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of dGTP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.38935	-0.38935	-0.37483	-0.26165	0.395085	0.942199	0.942199
5nM-NA	0.121861	0.121861	0.456449	1.132992	1.875055	2.128342	2.128342
-NA	-0.99813	-0.99813	-0.44489	-0.23941	0.828566	0.975298	0.975298
50nM+NA	-1.91208	-1.91208	-1.53055	-1.16371	-0.621	-0.12105	-0.12105
5nM+NA	-1.15057	-1.15057	-0.34863	0.604312	1.214293	1.907911	1.907911
+NA	-2.16481	-2.16481	-1.15439	-0.29264	0.174208	0.381906	0.381906

Oneway Anova

Summary of Fit

Rsquare	0.487299
Adj Rsquare	0.401848
Root Mean Square Error	0.794226
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	17.986250	3.59725	5.7027	0.0008 *
Error	30	18.923870	0.63080		
C. Total	35	36.910120			

Means for Oneway Anova

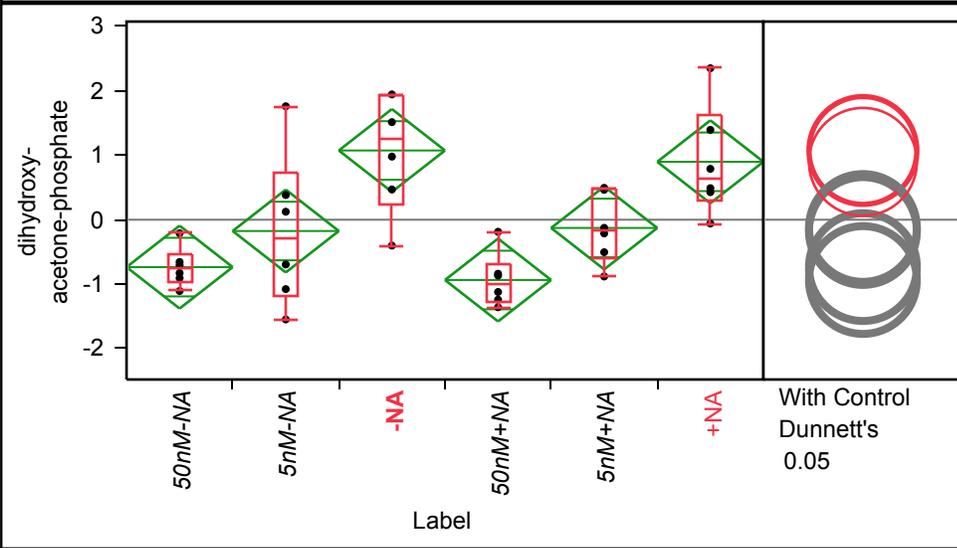
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.0213	0.32424	-0.683	0.641
5nM-NA	6	1.1458	0.32424	0.484	1.808
-NA	6	0.0029	0.32424	-0.659	0.665
50nM+NA	6	-1.0919	0.32424	-1.754	-0.430
5nM+NA	6	0.4780	0.32424	-0.184	1.140
+NA	6	-0.5135	0.32424	-1.176	0.149

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of dihydroxy-acetone-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.10598	-1.10598	-0.95604	-0.76625	-0.54455	-0.21006	-0.21006
5nM-NA	-1.54722	-1.54722	-1.19439	-0.28511	0.727289	1.76064	1.76064
-NA	-0.40119	-0.40119	0.251516	1.246775	1.941798	1.944512	1.944512
50nM+NA	-1.35776	-1.35776	-1.27009	-0.9941	-0.67565	-0.18686	-0.18686
5nM+NA	-0.88076	-0.88076	-0.59842	-0.16952	0.471642	0.494408	0.494408
+NA	-0.05883	-0.05883	0.306372	0.639444	1.633046	2.350306	2.350306

Oneway Anova

Summary of Fit

Rsquare	0.535405
Adj Rsquare	0.457972
Root Mean Square Error	0.77092
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	20.546938	4.10939	6.9145	0.0002 *
Error	30	17.829507	0.59432		
C. Total	35	38.376445			

Means for Oneway Anova

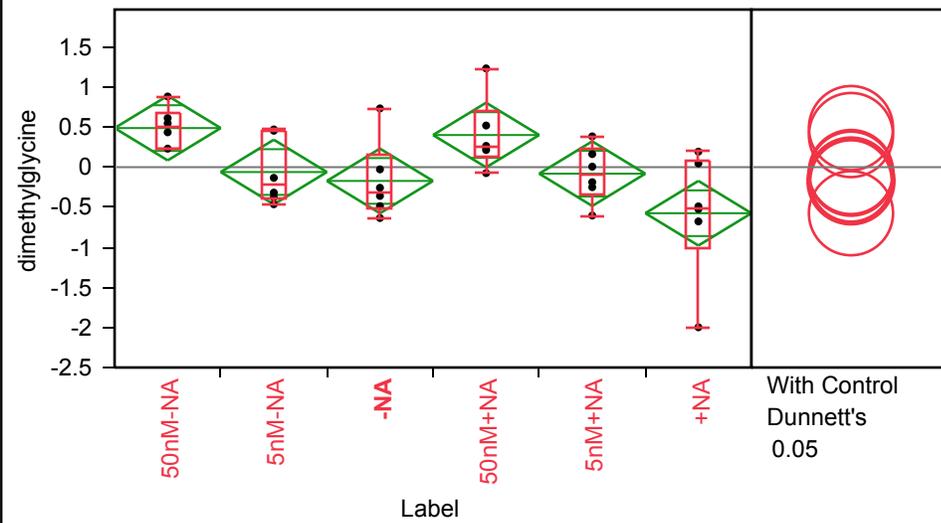
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.7351	0.31473	-1.378	-0.092
5nM-NA	6	-0.1751	0.31473	-0.818	0.468
-NA	6	1.0745	0.31473	0.432	1.717
50nM+NA	6	-0.9354	0.31473	-1.578	-0.293
5nM+NA	6	-0.1276	0.31473	-0.770	0.515
+NA	6	0.8987	0.31473	0.256	1.541

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of dimethylglycine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.21976	0.21976	0.228211	0.490754	0.679666	0.881557	0.881557
5nM-NA	-0.46277	-0.46277	-0.39808	-0.2256	0.458566	0.47065	0.47065
-NA	-0.63447	-0.63447	-0.52319	-0.30808	0.162693	0.733288	0.733288
50nM+NA	-0.07434	-0.07434	0.14188	0.256931	0.697742	1.232406	1.232406
5nM+NA	-0.60319	-0.60319	-0.33833	-0.09049	0.21831	0.384377	0.384377
+NA	-1.99817	-1.99817	-1.00735	-0.50655	0.083327	0.193121	0.193121

Oneway Anova

Summary of Fit

Rsquare	0.396623
Adj Rsquare	0.29606
Root Mean Square Error	0.483623
Mean of Response	8.33e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.612367	0.922473	3.9440	0.0072 *
Error	30	7.016729	0.233891		
C. Total	35	11.629096			

Means for Oneway Anova

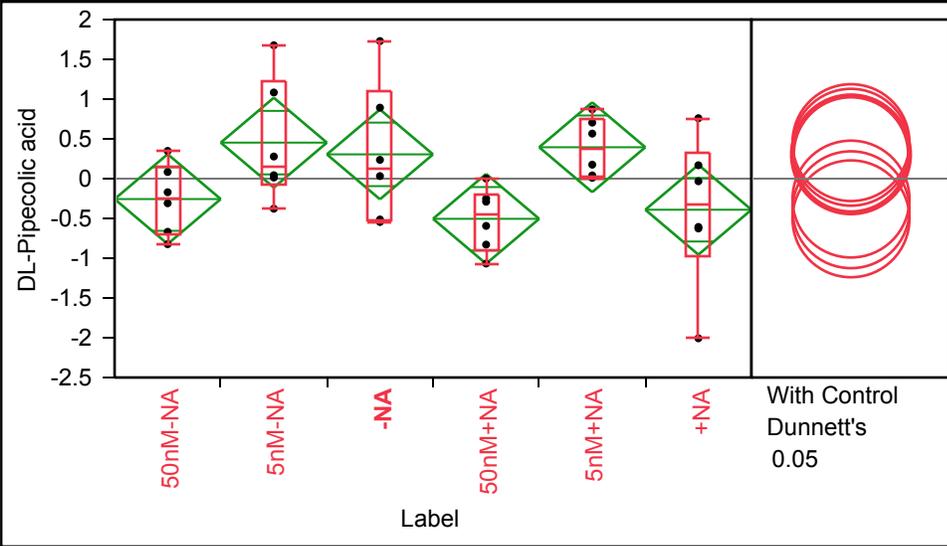
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.48770	0.19744	0.0845	0.8909
5nM-NA	6	-0.06088	0.19744	-0.4641	0.3423
-NA	6	-0.17182	0.19744	-0.5750	0.2314
50nM+NA	6	0.40090	0.19744	-0.0023	0.8041
5nM+NA	6	-0.08115	0.19744	-0.4844	0.3221
+NA	6	-0.57475	0.19744	-0.9780	-0.1715

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of DL-Pipecolic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.824	-0.824	-0.70746	-0.24008	0.149892	0.34863	0.34863
5nM-NA	-0.37774	-0.37774	-0.08397	0.160451	1.231251	1.676498	1.676498
-NA	-0.54485	-0.54485	-0.52146	0.134136	1.101557	1.729192	1.729192
50nM+NA	-1.06713	-1.06713	-0.8889	-0.44201	-0.18773	0.000941	0.000941
5nM+NA	0.010117	0.010117	0.032988	0.37091	0.74603	0.871402	0.871402
+NA	-2.00694	-2.00694	-0.97139	-0.31997	0.316237	0.759495	0.759495

Oneway Anova

Summary of Fit

Rsquare	0.288124
Adj Rsquare	0.169477
Root Mean Square Error	0.67706
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.566091	1.11322	2.4284	0.0581
Error	30	13.752325	0.45841		
C. Total	35	19.318416			

Means for Oneway Anova

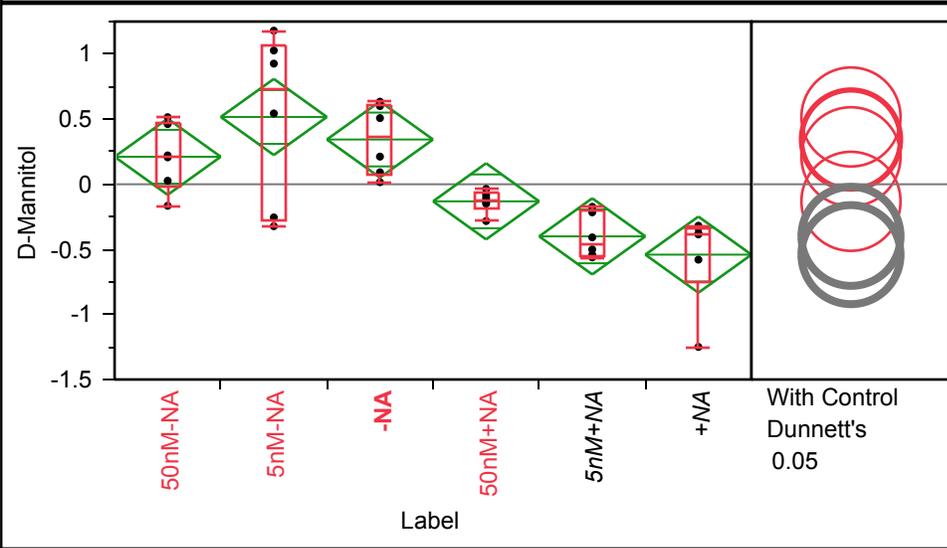
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.25675	0.27641	-0.821	0.3078
5nM-NA	6	0.45274	0.27641	-0.112	1.0172
-NA	6	0.30521	0.27641	-0.259	0.8697
50nM+NA	6	-0.50506	0.27641	-1.070	0.0594
5nM+NA	6	0.39470	0.27641	-0.170	0.9592
+NA	6	-0.39085	0.27641	-0.955	0.1737

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of D-Mannitol By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.16513	-0.16513	-0.02111	0.214091	0.475676	0.515389	0.515389
5nM-NA	-0.32218	-0.32218	-0.27161	0.735415	1.065787	1.179949	1.179949
-NA	0.015846	0.015846	0.073012	0.360265	0.608914	0.63426	0.63426
50nM+NA	-0.28265	-0.28265	-0.18256	-0.1188	-0.0702	-0.03574	-0.03574
5nM+NA	-0.56205	-0.56205	-0.54663	-0.45448	-0.20507	-0.17333	-0.17333
+NA	-1.24965	-1.24965	-0.74689	-0.38053	-0.33133	-0.3186	-0.3186

Oneway Anova

Summary of Fit

Rsquare	0.594023
Adj Rsquare	0.52636
Root Mean Square Error	0.350711
Mean of Response	8.33e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.3991069	1.07982	8.7792	<.0001 *
Error	30	3.6899429	0.12300		
C. Total	35	9.0890498			

Means for Oneway Anova

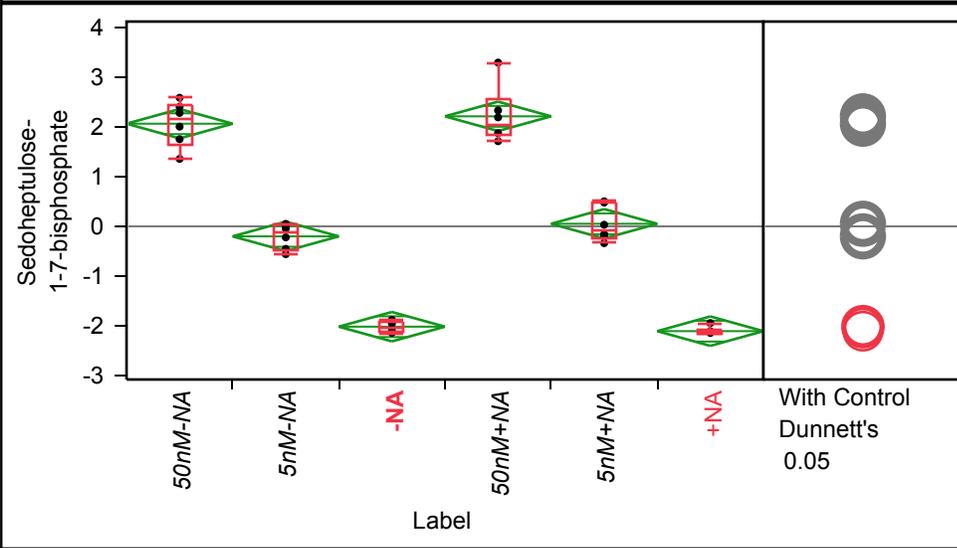
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.21130	0.14318	-0.0811	0.5037
5nM-NA	6	0.51693	0.14318	0.2245	0.8093
-NA	6	0.34386	0.14318	0.0515	0.6363
50nM+NA	6	-0.13114	0.14318	-0.4235	0.1613
5nM+NA	6	-0.40025	0.14318	-0.6927	-0.1078
+NA	6	-0.54070	0.14318	-0.8331	-0.2483

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Sedoheptulose-1-7-bisphosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	1.35624	1.35624	1.652999	2.141451	2.448232	2.585122	2.585122
5nM-NA	-0.55963	-0.55963	-0.47954	-0.13338	0.027501	0.049673	0.049673
-NA	-2.14222	-2.14222	-2.11876	-2.02626	-1.90811	-1.87901	-1.87901
50nM+NA	1.711324	1.711324	1.82937	2.032054	2.571414	3.292073	3.292073
5nM+NA	-0.33809	-0.33809	-0.2405	-0.06383	0.48433	0.503066	0.503066
+NA	-2.16324	-2.16324	-2.16323	-2.13043	-2.06838	-1.94476	-1.94476

Oneway Anova

Summary of Fit

Rsquare	0.965665
Adj Rsquare	0.959943
Root Mean Square Error	0.354747
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	106.18309	21.2366	168.7512	<.0001 *
Error	30	3.77537	0.1258		
C. Total	35	109.95846			

Means for Oneway Anova

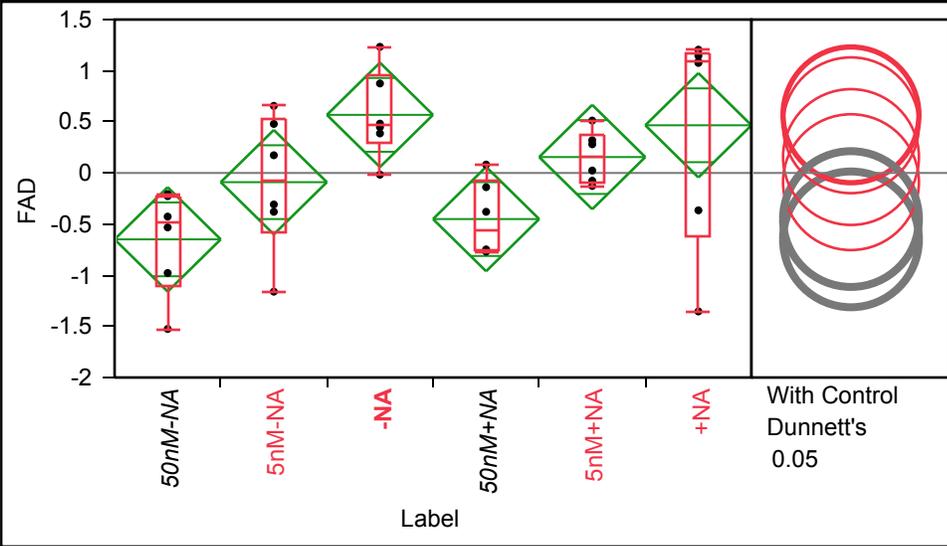
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	2.0631	0.14483	1.767	2.359
5nM-NA	6	-0.2016	0.14483	-0.497	0.094
-NA	6	-2.0171	0.14483	-2.313	-1.721
50nM+NA	6	2.2112	0.14483	1.915	2.507
5nM+NA	6	0.0512	0.14483	-0.245	0.347
+NA	6	-2.1069	0.14483	-2.403	-1.811

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of FAD By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.52517	-1.52517	-1.11496	-0.47941	-0.22173	-0.20625	-0.20625
5nM-NA	-1.16044	-1.16044	-0.57498	-0.06752	0.523634	0.656017	0.656017
-NA	-0.01682	-0.01682	0.285811	0.464987	0.964827	1.233442	1.233442
50nM+NA	-0.76902	-0.76902	-0.75531	-0.56368	-0.08382	0.081409	0.081409
5nM+NA	-0.12692	-0.12692	-0.08866	0.152078	0.367934	0.512256	0.512256
+NA	-1.35419	-1.35419	-0.61264	1.082648	1.161463	1.205267	1.205267

Oneway Anova

Summary of Fit

Rsquare	0.389986
Adj Rsquare	0.288317
Root Mean Square Error	0.611975
Mean of Response	2.47e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	7.182881	1.43658	3.8358	0.0083 *
Error	30	11.235411	0.37451		
C. Total	35	18.418293			

Means for Oneway Anova

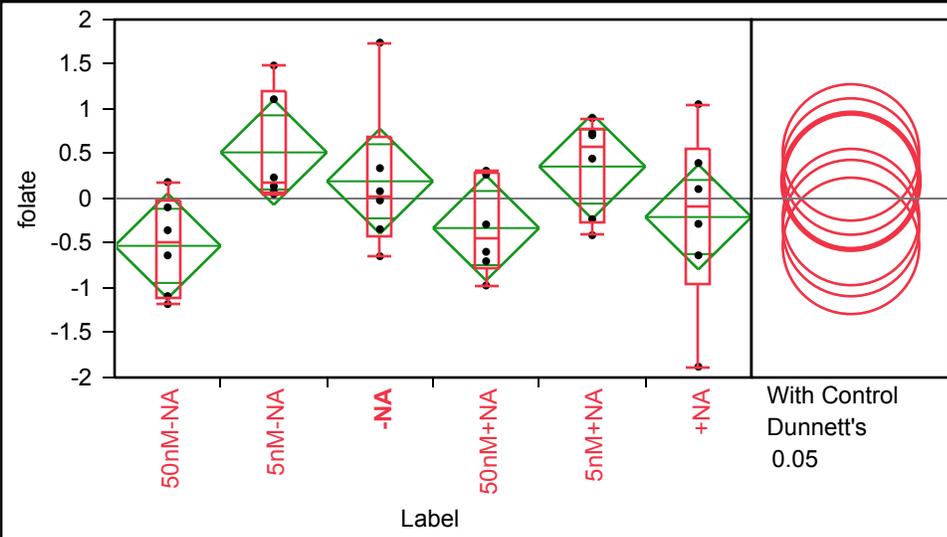
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.64922	0.24984	-1.159	-0.139
5nM-NA	6	-0.08997	0.24984	-0.600	0.420
-NA	6	0.56810	0.24984	0.058	1.078
50nM+NA	6	-0.45077	0.24984	-0.961	0.059
5nM+NA	6	0.15557	0.24984	-0.355	0.666
+NA	6	0.46630	0.24984	-0.044	0.977

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of folate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.17971	-1.17971	-1.11262	-0.49488	-0.02765	0.184424	0.184424
5nM-NA	0.049748	0.049748	0.068396	0.186619	1.203456	1.485941	1.485941
-NA	-0.64481	-0.64481	-0.41791	0.030622	0.69023	1.74183	1.74183
50nM+NA	-0.97168	-0.97168	-0.76849	-0.44247	0.278064	0.310688	0.310688
5nM+NA	-0.40994	-0.40994	-0.27575	0.576967	0.774992	0.898184	0.898184
+NA	-1.87953	-1.87953	-0.94584	-0.08873	0.56142	1.053888	1.053888

Oneway Anova

Summary of Fit

Rsquare	0.259022
Adj Rsquare	0.135525
Root Mean Square Error	0.702267
Mean of Response	-1.2e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.171975	1.03439	2.0974	0.0933
Error	30	14.795361	0.49318		
C. Total	35	19.967336			

Means for Oneway Anova

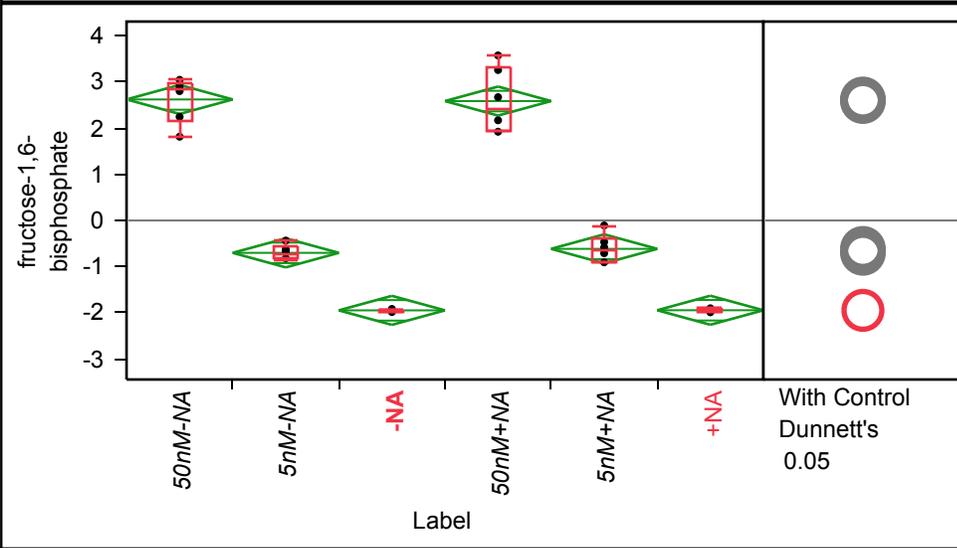
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.52894	0.28670	-1.114	0.0566
5nM-NA	6	0.51547	0.28670	-0.070	1.1010
-NA	6	0.19261	0.28670	-0.393	0.7781
50nM+NA	6	-0.32992	0.28670	-0.915	0.2556
5nM+NA	6	0.35751	0.28670	-0.228	0.9430
+NA	6	-0.20674	0.28670	-0.792	0.3788

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of fructose-1,6-bisphosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	1.815708	1.815708	2.138996	2.838381	2.97503	3.04779	3.04779
5nM-NA	-0.84018	-0.84018	-0.82789	-0.74361	-0.57611	-0.43621	-0.43621
-NA	-1.98441	-1.98441	-1.96101	-1.94617	-1.93544	-1.91772	-1.91772
50nM+NA	1.922608	1.922608	1.923234	2.422012	3.339519	3.576942	3.576942
5nM+NA	-0.91928	-0.91928	-0.90987	-0.64571	-0.37616	-0.10794	-0.10794
+NA	-1.98973	-1.98973	-1.9781	-1.94882	-1.90814	-1.90398	-1.90398

Oneway Anova

Summary of Fit

Rsquare	0.968682
Adj Rsquare	0.963462
Root Mean Square Error	0.37742
Mean of Response	5.556e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	132.17793	26.4356	185.5838	<.0001 *
Error	30	4.27337	0.1424		
C. Total	35	136.45130			

Means for Oneway Anova

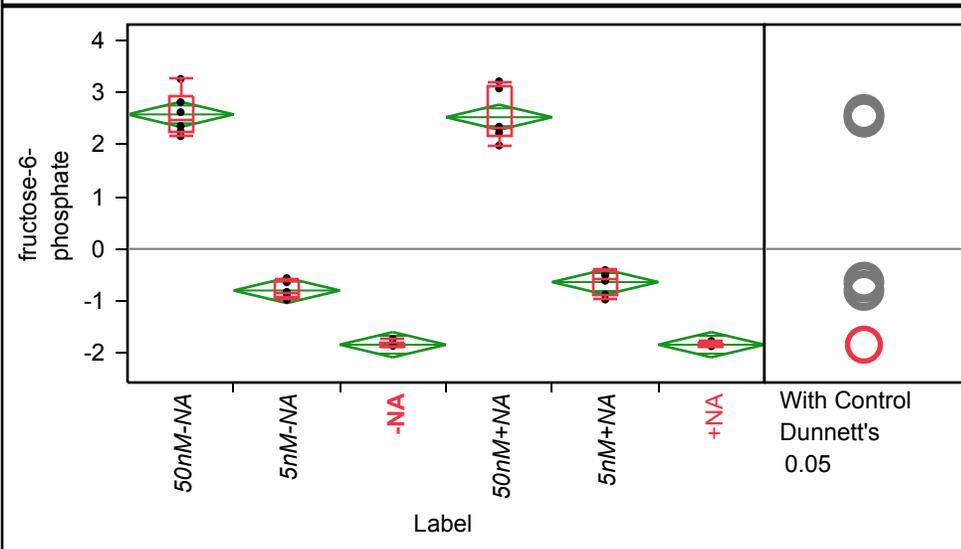
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	2.6230	0.15408	2.308	2.938
5nM-NA	6	-0.7017	0.15408	-1.016	-0.387
-NA	6	-1.9482	0.15408	-2.263	-1.633
50nM+NA	6	2.5879	0.15408	2.273	2.903
5nM+NA	6	-0.6152	0.15408	-0.930	-0.300
+NA	6	-1.9459	0.15408	-2.261	-1.631

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of fructose-6-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	2.161456	2.161456	2.234418	2.48937	2.923656	3.256588	3.256588
5nM-NA	-0.97397	-0.97397	-0.93481	-0.84297	-0.61878	-0.5594	-0.5594
-NA	-1.87167	-1.87167	-1.87163	-1.86426	-1.79384	-1.72155	-1.72155
50nM+NA	1.982973	1.982973	2.162828	2.326146	3.109268	3.212324	3.212324
5nM+NA	-0.96968	-0.96968	-0.89642	-0.55999	-0.43378	-0.405	-0.405
+NA	-1.87155	-1.87155	-1.87101	-1.84975	-1.7961	-1.76374	-1.76374

Oneway Anova

Summary of Fit

Rsquare	0.980236
Adj Rsquare	0.976942
Root Mean Square Error	0.289562
Mean of Response	9.87e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	124.75501	24.9510	297.5802	<.0001 *
Error	30	2.51539	0.0838		
C. Total	35	127.27040			

Means for Oneway Anova

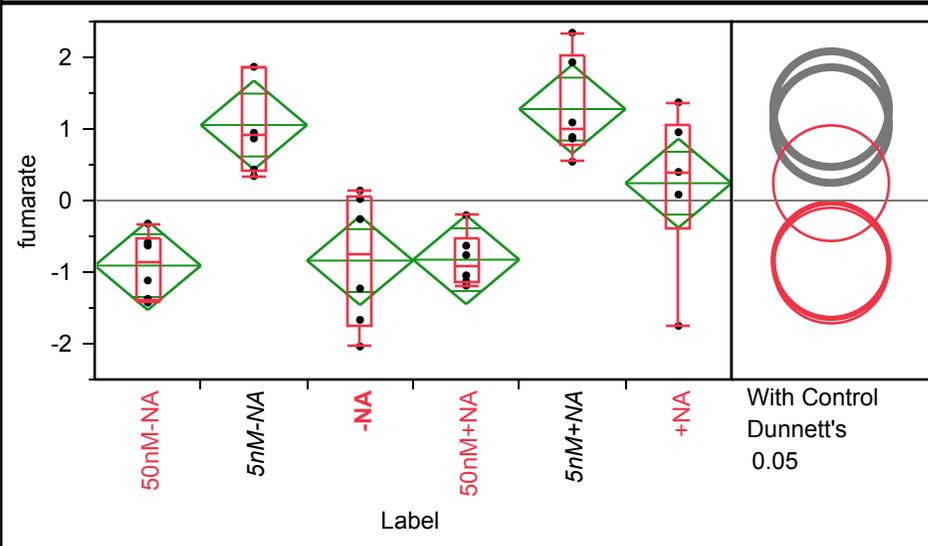
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	2.5780	0.11821	2.337	2.819
5nM-NA	6	-0.7966	0.11821	-1.038	-0.555
-NA	6	-1.8352	0.11821	-2.077	-1.594
50nM+NA	6	2.5242	0.11821	2.283	2.766
5nM+NA	6	-0.6350	0.11821	-0.876	-0.394
+NA	6	-1.8354	0.11821	-2.077	-1.594

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of fumarate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.42502	-1.42502	-1.3857	-0.87287	-0.52057	-0.32228	-0.32228
5nM-NA	0.342189	0.342189	0.409723	0.907196	1.868651	1.868702	1.868702
-NA	-2.03832	-2.03832	-1.75967	-0.74407	0.050336	0.139156	0.139156
50nM+NA	-1.18908	-1.18908	-1.14217	-0.9038	-0.52398	-0.20416	-0.20416
5nM+NA	0.542694	0.542694	0.785049	0.989884	2.034817	2.343568	2.343568
+NA	-1.75068	-1.75068	-0.37518	0.397556	1.058552	1.371861	1.371861

Oneway Anova

Summary of Fit

Rsquare	0.644253
Adj Rsquare	0.584962
Root Mean Square Error	0.744144
Mean of Response	1.23e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	30.085104	6.01702	10.8659	<.0001 *
Error	30	16.612525	0.55375		
C. Total	35	46.697629			

Means for Oneway Anova

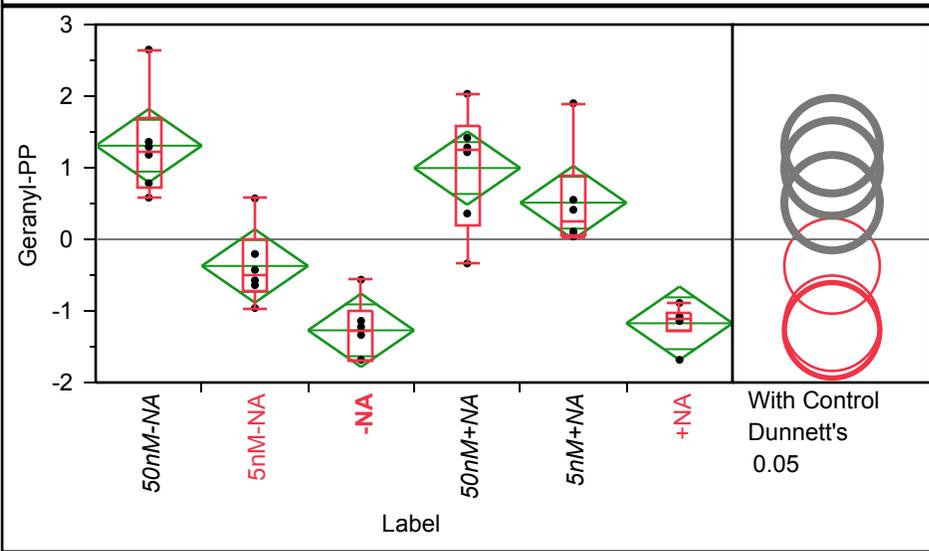
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.9087	0.30380	-1.529	-0.288
5nM-NA	6	1.0544	0.30380	0.434	1.675
-NA	6	-0.8389	0.30380	-1.459	-0.218
50nM+NA	6	-0.8263	0.30380	-1.447	-0.206
5nM+NA	6	1.2773	0.30380	0.657	1.898
+NA	6	0.2423	0.30380	-0.378	0.863

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Geranyl-PP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.581891	0.581891	0.733458	1.235544	1.683385	2.649513	2.649513
5nM-NA	-0.95924	-0.95924	-0.71982	-0.50014	-0.01088	0.571684	0.571684
-NA	-1.68251	-1.68251	-1.68243	-1.27877	-0.99527	-0.56391	-0.56391
50nM+NA	-0.33705	-0.33705	0.186203	1.25028	1.571487	2.032188	2.032188
5nM+NA	0.040395	0.040395	0.05188	0.261174	0.889233	1.900668	1.900668
+NA	-1.68314	-1.68314	-1.28644	-1.11575	-1.03026	-0.88857	-0.88857

Oneway Anova

Summary of Fit

Rsquare	0.763616
Adj Rsquare	0.724219
Root Mean Square Error	0.614171
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	36.555843	7.31117	19.3824	<.0001 *
Error	30	11.316168	0.37721		
C. Total	35	47.872012			

Means for Oneway Anova

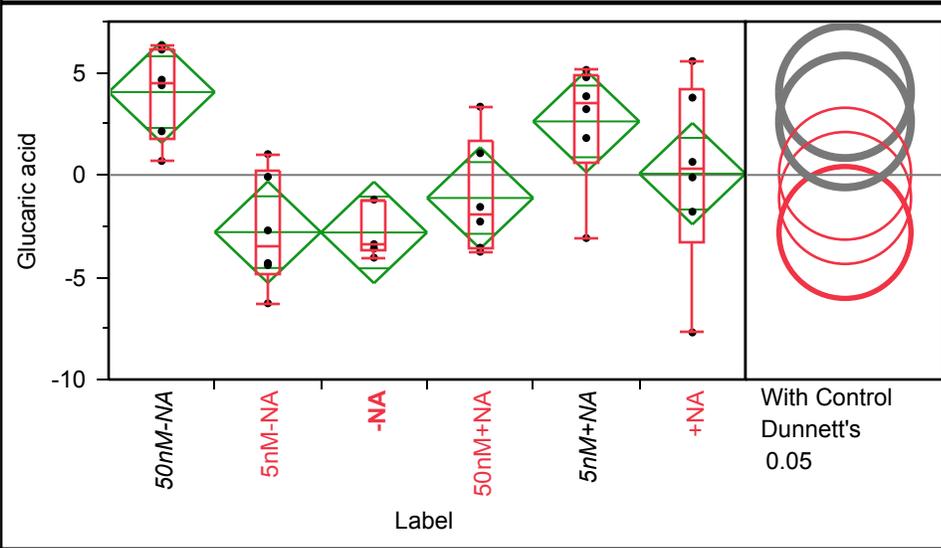
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.3080	0.25073	0.796	1.820
5nM-NA	6	-0.3722	0.25073	-0.884	0.140
-NA	6	-1.2709	0.25073	-1.783	-0.759
50nM+NA	6	0.9957	0.25073	0.484	1.508
5nM+NA	6	0.5119	0.25073	-0.0002	1.024
+NA	6	-1.1725	0.25073	-1.685	-0.660

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Glucaric acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.684608	0.684608	1.772114	4.52028	6.177898	6.322774	6.322774
5nM-NA	-6.27366	-6.27366	-4.87422	-3.50935	0.188373	1.019477	1.019477
-NA	-4.0433	-4.0433	-3.70644	-3.39257	-1.23062	-1.20731	-1.20731
50nM+NA	-3.75367	-3.75367	-3.60546	-1.92176	1.633933	3.338858	3.338858
5nM+NA	-3.08468	-3.08468	0.584452	3.533454	4.866845	5.13664	5.13664
+NA	-7.6995	-7.6995	-3.27201	0.259938	4.226762	5.566565	5.566565

Oneway Anova

Summary of Fit

Rsquare	0.476817
Adj Rsquare	0.389619
Root Mean Square Error	2.972112
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	241.51767	48.3035	5.4683	0.0011 *
Error	30	265.00343	8.8334		
C. Total	35	506.52110			

Means for Oneway Anova

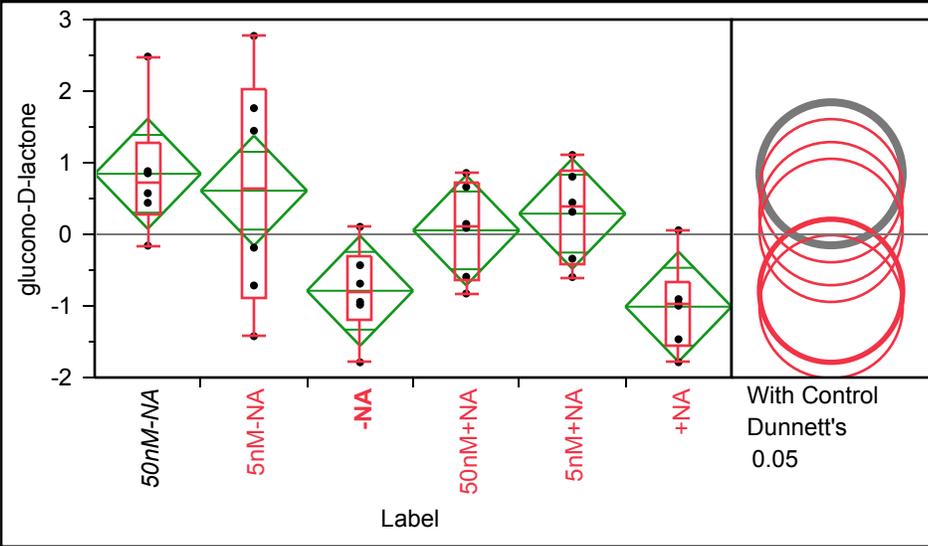
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	4.0520	1.2134	1.574	6.530
5nM-NA	6	-2.7949	1.2134	-5.273	-0.317
-NA	6	-2.8114	1.2134	-5.289	-0.333
50nM+NA	6	-1.1248	1.2134	-3.603	1.353
5nM+NA	6	2.6172	1.2134	0.139	5.095
+NA	6	0.0618	1.2134	-2.416	2.540

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of glucono-D-lactone By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.15804	-0.15804	0.290652	0.713142	1.282506	2.482587	2.482587
5nM-NA	-1.42288	-1.42288	-0.89161	0.629809	2.014644	2.771418	2.771418
-NA	-1.78786	-1.78786	-1.18435	-0.81613	-0.29755	0.105095	0.105095
50nM+NA	-0.82679	-0.82679	-0.65154	0.116524	0.710656	0.85696	0.85696
5nM+NA	-0.59764	-0.59764	-0.40488	0.379353	0.88059	1.108281	1.108281
+NA	-1.78639	-1.78639	-1.54628	-0.98185	-0.66481	0.056678	0.056678

Oneway Anova

Summary of Fit

Rsquare	0.398831
Adj Rsquare	0.298636
Root Mean Square Error	0.921383
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	16.896426	3.37929	3.9806	0.0069 *
Error	30	25.468424	0.84895		
C. Total	35	42.364850			

Means for Oneway Anova

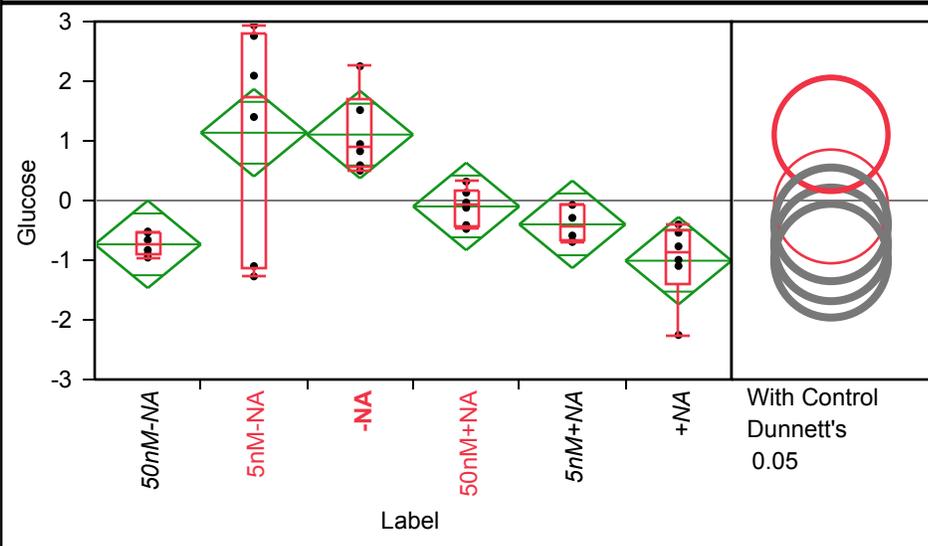
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.8456	0.37615	0.077	1.614
5nM-NA	6	0.6093	0.37615	-0.159	1.378
-NA	6	-0.7883	0.37615	-1.557	-0.020
50nM+NA	6	0.0553	0.37615	-0.713	0.824
5nM+NA	6	0.2889	0.37615	-0.479	1.057
+NA	6	-1.0108	0.37615	-1.779	-0.243

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Glucose By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.95643	-0.95643	-0.91506	-0.74549	-0.53338	-0.51937	-0.51937
5nM-NA	-1.27143	-1.27143	-1.14215	1.746402	2.803557	2.936364	2.936364
-NA	0.500336	0.500336	0.568221	0.88643	1.69954	2.251277	2.251277
50nM+NA	-0.47607	-0.47607	-0.42808	-0.07782	0.178886	0.318574	0.318574
5nM+NA	-0.69512	-0.69512	-0.68137	-0.43873	-0.07379	-0.07324	-0.07324
+NA	-2.2544	-2.2544	-1.3861	-0.88135	-0.50469	-0.39998	-0.39998

Oneway Anova

Summary of Fit

Rsquare	0.523529
Adj Rsquare	0.444117
Root Mean Square Error	0.878411
Mean of Response	4.93e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	25.434322	5.08686	6.5926	0.0003 *
Error	30	23.148175	0.77161		
C. Total	35	48.582497			

Means for Oneway Anova

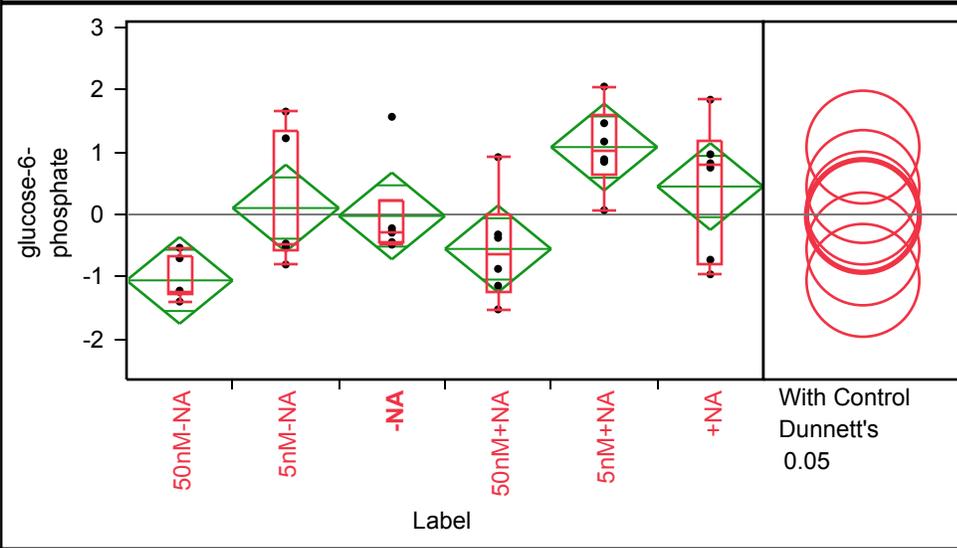
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.7343	0.35861	-1.467	-0.002
5nM-NA	6	1.1363	0.35861	0.404	1.869
-NA	6	1.1052	0.35861	0.373	1.838
50nM+NA	6	-0.0988	0.35861	-0.831	0.634
5nM+NA	6	-0.3994	0.35861	-1.132	0.333
+NA	6	-1.0089	0.35861	-1.741	-0.277

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of glucose-6-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.39951	-1.39951	-1.2847	-1.23451	-0.66118	-0.53382	-0.53382
5nM-NA	-0.80385	-0.80385	-0.58618	-0.47012	1.331548	1.653114	1.653114
-NA	-0.48472	-0.48472	-0.45388	-0.28061	0.226439	1.56948	1.56948
50nM+NA	-1.52494	-1.52494	-1.2398	-0.62466	-0.01101	0.920878	0.920878
5nM+NA	0.069722	0.069722	0.652097	1.029735	1.613948	2.054974	2.054974
+NA	-0.96128	-0.96128	-0.78585	0.787382	1.186046	1.843356	1.843356

Oneway Anova

Summary of Fit

Rsquare	0.446446
Adj Rsquare	0.354187
Root Mean Square Error	0.835194
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	16.877344	3.37547	4.8390	0.0023 *
Error	30	20.926455	0.69755		
C. Total	35	37.803799			

Means for Oneway Anova

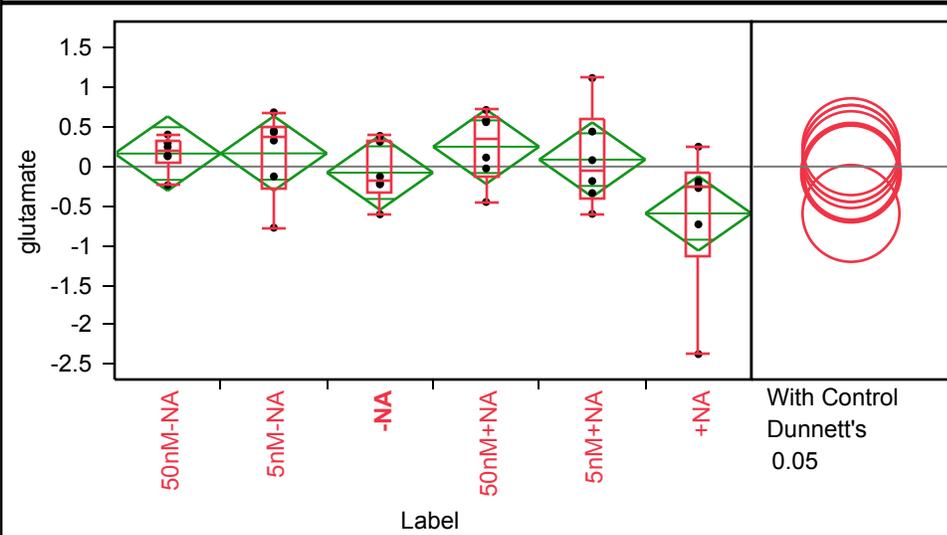
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.0587	0.34097	-1.755	-0.362
5nM-NA	6	0.1033	0.34097	-0.593	0.800
-NA	6	-0.0235	0.34097	-0.720	0.673
50nM+NA	6	-0.5533	0.34097	-1.250	0.143
5nM+NA	6	1.0829	0.34097	0.387	1.779
+NA	6	0.4494	0.34097	-0.247	1.146

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of glutamate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.23742	-0.23742	0.037912	0.195374	0.324834	0.404835	0.404835
5nM-NA	-0.77353	-0.77353	-0.28672	0.380603	0.509447	0.685491	0.685491
-NA	-0.60399	-0.60399	-0.31945	-0.16767	0.331996	0.388237	0.388237
50nM+NA	-0.44786	-0.44786	-0.13044	0.337629	0.619058	0.715437	0.715437
5nM+NA	-0.59814	-0.59814	-0.4009	-0.05124	0.611371	1.118727	1.118727
+NA	-2.37134	-2.37134	-1.14097	-0.25724	-0.07793	0.250758	0.250758

Oneway Anova

Summary of Fit

Rsquare	0.232402
Adj Rsquare	0.104469
Root Mean Square Error	0.564286
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	2.892174	0.578435	1.8166	0.1397
Error	30	9.552547	0.318418		
C. Total	35	12.444721			

Means for Oneway Anova

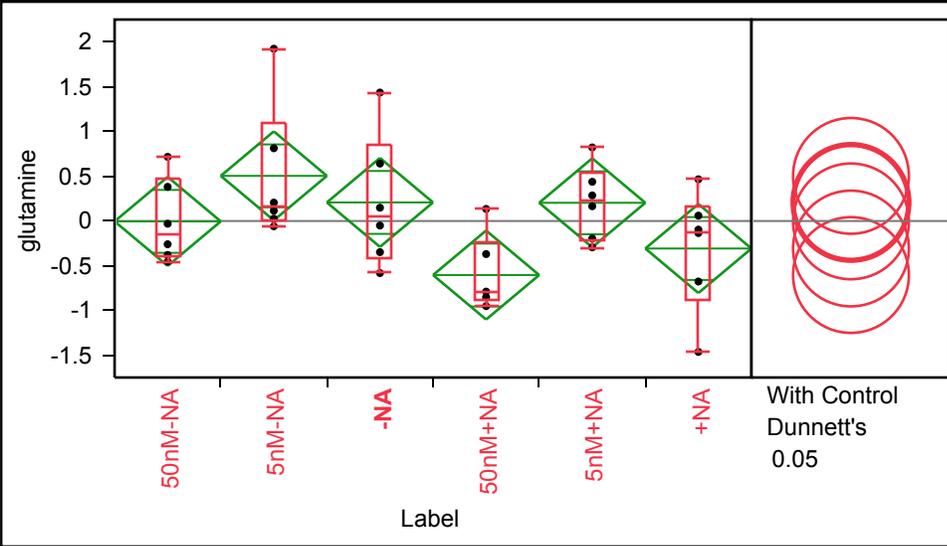
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.16434	0.23037	-0.306	0.6348
5nM-NA	6	0.16658	0.23037	-0.304	0.6371
-NA	6	-0.07707	0.23037	-0.548	0.3934
50nM+NA	6	0.25086	0.23037	-0.220	0.7213
5nM+NA	6	0.08753	0.23037	-0.383	0.5580
+NA	6	-0.59223	0.23037	-1.063	-0.1218

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of glutamine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.45404	-0.45404	-0.39874	-0.14527	0.465999	0.717626	0.717626
5nM-NA	-0.0589	-0.0589	0.00513	0.160437	1.091673	1.926207	1.926207
-NA	-0.58232	-0.58232	-0.40673	0.04912	0.840682	1.436242	1.436242
50nM+NA	-0.95174	-0.95174	-0.87687	-0.79327	-0.2437	0.134729	0.134729
5nM+NA	-0.29481	-0.29481	-0.2202	0.225612	0.53444	0.822534	0.822534
+NA	-1.46374	-1.46374	-0.87356	-0.11565	0.161488	0.466089	0.466089

Oneway Anova

Summary of Fit

Rsquare	0.30993
Adj Rsquare	0.194918
Root Mean Square Error	0.596516
Mean of Response	1.111e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.794407	0.958881	2.6948	0.0398 *
Error	30	10.674923	0.355831		
C. Total	35	15.469330			

Means for Oneway Anova

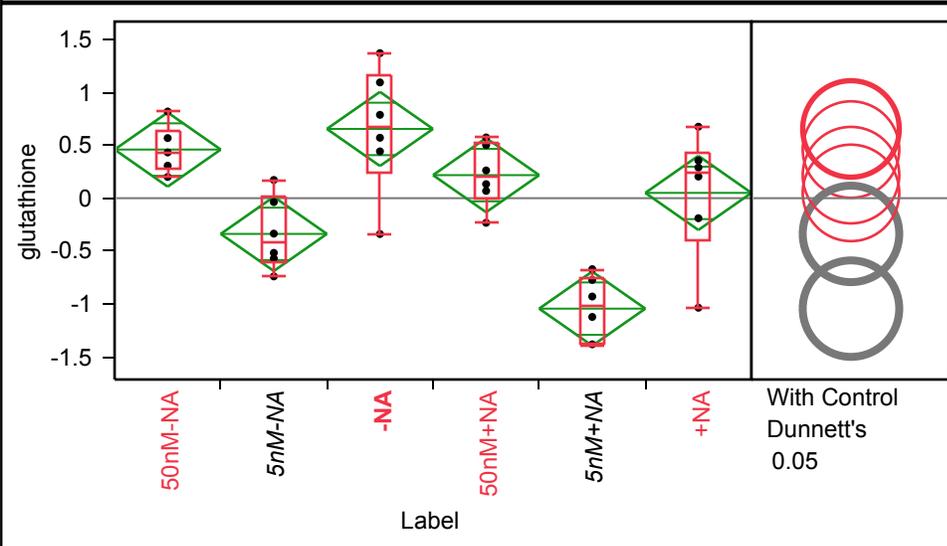
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.00419	0.24353	-0.502	0.493
5nM-NA	6	0.50469	0.24353	0.00734	1.002
-NA	6	0.20769	0.24353	-0.290	0.705
50nM+NA	6	-0.60422	0.24353	-1.102	-0.107
5nM+NA	6	0.20367	0.24353	-0.294	0.701
+NA	6	-0.30764	0.24353	-0.805	0.190

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of glutathione By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.200151	0.200151	0.279911	0.430789	0.629773	0.81765	0.81765
5nM-NA	-0.73801	-0.73801	-0.61104	-0.42536	0.015183	0.171698	0.171698
-NA	-0.33818	-0.33818	0.246631	0.678218	1.161399	1.3685	1.3685
50nM+NA	-0.23224	-0.23224	-0.0067	0.197041	0.519192	0.572976	0.572976
5nM+NA	-1.38542	-1.38542	-1.38074	-1.02433	-0.74608	-0.66986	-0.66986
+NA	-1.0338	-1.0338	-0.4004	0.24653	0.434652	0.674314	0.674314

Oneway Anova

Summary of Fit

Rsquare	0.681924
Adj Rsquare	0.628911
Root Mean Square Error	0.419632
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	11.325625	2.26513	12.8634	<.0001 *
Error	30	5.282722	0.17609		
C. Total	35	16.608347			

Means for Oneway Anova

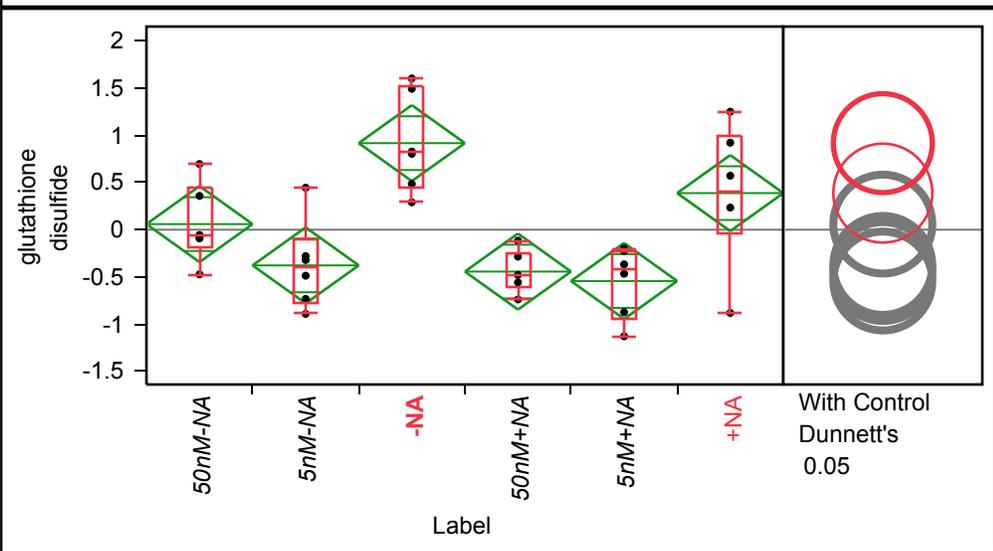
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.4588	0.17131	0.109	0.809
5nM-NA	6	-0.3371	0.17131	-0.687	0.013
-NA	6	0.6534	0.17131	0.304	1.003
50nM+NA	6	0.2174	0.17131	-0.132	0.567
5nM+NA	6	-1.0424	0.17131	-1.392	-0.693
+NA	6	0.0498	0.17131	-0.300	0.400

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of glutathione disulfide By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.47295	-0.47295	-0.18766	-0.06601	0.443323	0.696976	0.696976
5nM-NA	-0.89281	-0.89281	-0.77386	-0.4048	-0.09803	0.445432	0.445432
-NA	0.29114	0.29114	0.437112	0.817306	1.522529	1.605017	1.605017
50nM+NA	-0.74014	-0.74014	-0.60432	-0.48153	-0.24325	-0.1159	-0.1159
5nM+NA	-1.13089	-1.13089	-0.93943	-0.41744	-0.21869	-0.19988	-0.19988
+NA	-0.88312	-0.88312	-0.04786	0.404003	1.005462	1.25187	1.25187

Oneway Anova

Summary of Fit

Rsquare	0.583091
Adj Rsquare	0.513606
Root Mean Square Error	0.483519
Mean of Response	8.33e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.809395	1.96188	8.3916	<.0001 *
Error	30	7.013711	0.23379		
C. Total	35	16.823106			

Means for Oneway Anova

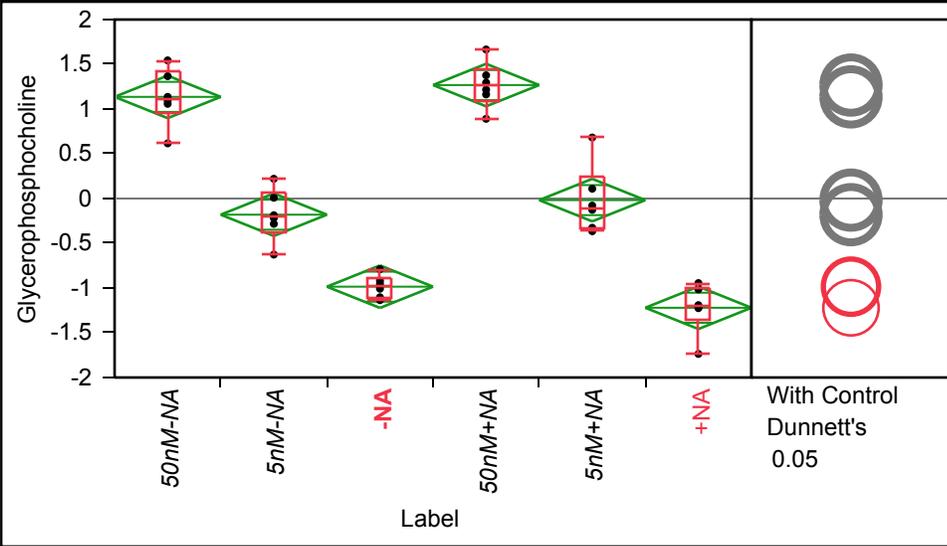
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.05970	0.19740	-0.3434	0.463
5nM-NA	6	-0.37840	0.19740	-0.7815	0.025
-NA	6	0.91860	0.19740	0.5155	1.322
50nM+NA	6	-0.44397	0.19740	-0.8471	-0.041
5nM+NA	6	-0.54437	0.19740	-0.9475	-0.141
+NA	6	0.38844	0.19740	-0.0147	0.792

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Glycerophosphocholine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.616597	0.616597	0.947771	1.115027	1.411294	1.543703	1.543703
5nM-NA	-0.62624	-0.62624	-0.36866	-0.20186	0.061982	0.22056	0.22056
-NA	-1.1353	-1.1353	-1.11126	-0.98115	-0.88721	-0.78986	-0.78986
50nM+NA	0.890782	0.890782	1.095057	1.255634	1.449334	1.665503	1.665503
5nM+NA	-0.3652	-0.3652	-0.33632	-0.10276	0.252484	0.68192	0.68192
+NA	-1.73617	-1.73617	-1.35286	-1.2016	-0.99723	-0.94495	-0.94495

Oneway Anova

Summary of Fit

Rsquare	0.930019
Adj Rsquare	0.918356
Root Mean Square Error	0.284847
Mean of Response	2.78e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	32.348912	6.46978	79.7379	<.0001 *
Error	30	2.434142	0.08114		
C. Total	35	34.783054			

Means for Oneway Anova

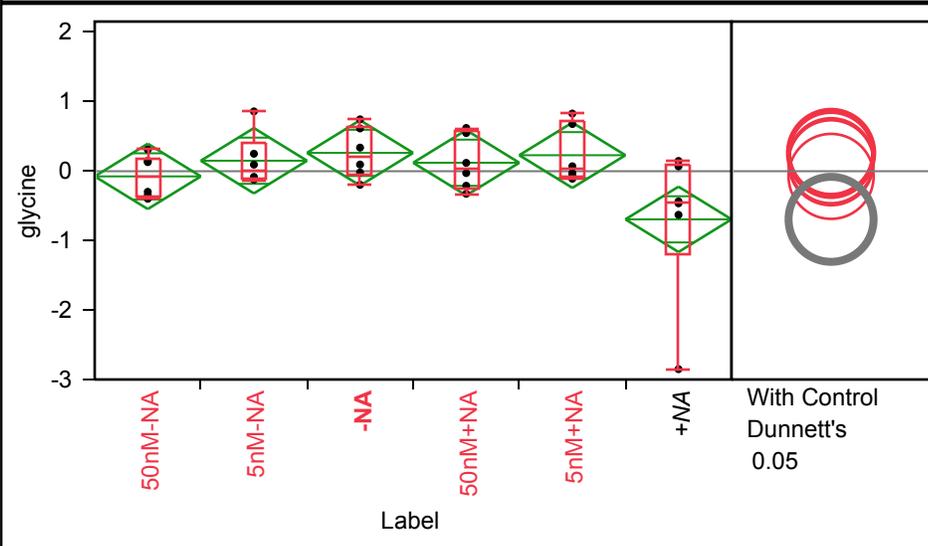
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.1359	0.11629	0.898	1.373
5nM-NA	6	-0.1805	0.11629	-0.418	0.057
-NA	6	-0.9851	0.11629	-1.223	-0.748
50nM+NA	6	1.2680	0.11629	1.031	1.505
5nM+NA	6	-0.0177	0.11629	-0.255	0.220
+NA	6	-1.2207	0.11629	-1.458	-0.983

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of glycine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.39711	-0.39711	-0.35776	-0.08279	0.189717	0.311414	0.311414
5nM-NA	-0.12222	-0.12222	-0.10343	0.00639	0.404021	0.861497	0.861497
-NA	-0.19602	-0.19602	-0.063	0.21785	0.649028	0.747119	0.747119
50nM+NA	-0.32494	-0.32494	-0.23831	0.046884	0.568065	0.622719	0.622719
5nM+NA	-0.10874	-0.10874	-0.07562	0.022787	0.717243	0.830244	0.830244
+NA	-2.85094	-2.85094	-1.18358	-0.44844	0.089085	0.148	0.148

Oneway Anova

Summary of Fit

Rsquare	0.288833
Adj Rsquare	0.170305
Root Mean Square Error	0.564164
Mean of Response	8.33e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	3.877994	0.775599	2.4368	0.0574
Error	30	9.548432	0.318281		
C. Total	35	13.426425			

Means for Oneway Anova

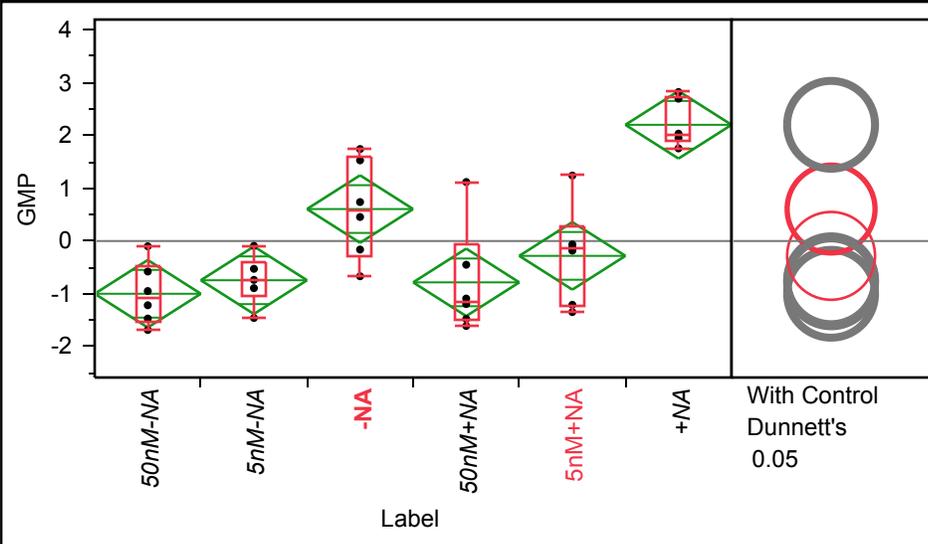
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.07446	0.23032	-0.545	0.3959
5nM-NA	6	0.15107	0.23032	-0.319	0.6214
-NA	6	0.26408	0.23032	-0.206	0.7345
50nM+NA	6	0.12199	0.23032	-0.348	0.5924
5nM+NA	6	0.23034	0.23032	-0.240	0.7007
+NA	6	-0.69303	0.23032	-1.163	-0.2227

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of GMP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.68423	-1.68423	-1.52234	-1.08207	-0.45813	-0.09972	-0.09972
5nM-NA	-1.45784	-1.45784	-1.03421	-0.74462	-0.41786	-0.09167	-0.09167
-NA	-0.6674	-0.6674	-0.28813	0.596286	1.58124	1.741673	1.741673
50nM+NA	-1.60801	-1.60801	-1.50864	-1.14135	-0.05772	1.117746	1.117746
5nM+NA	-1.34541	-1.34541	-1.24254	-0.15404	0.260975	1.239301	1.239301
+NA	1.75467	1.75467	1.900623	1.99202	2.727128	2.82139	2.82139

Oneway Anova

Summary of Fit

Rsquare	0.717165
Adj Rsquare	0.670026
Root Mean Square Error	0.766706
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	44.716131	8.94323	15.2138	<.0001 *
Error	30	17.635136	0.58784		
C. Total	35	62.351267			

Means for Oneway Anova

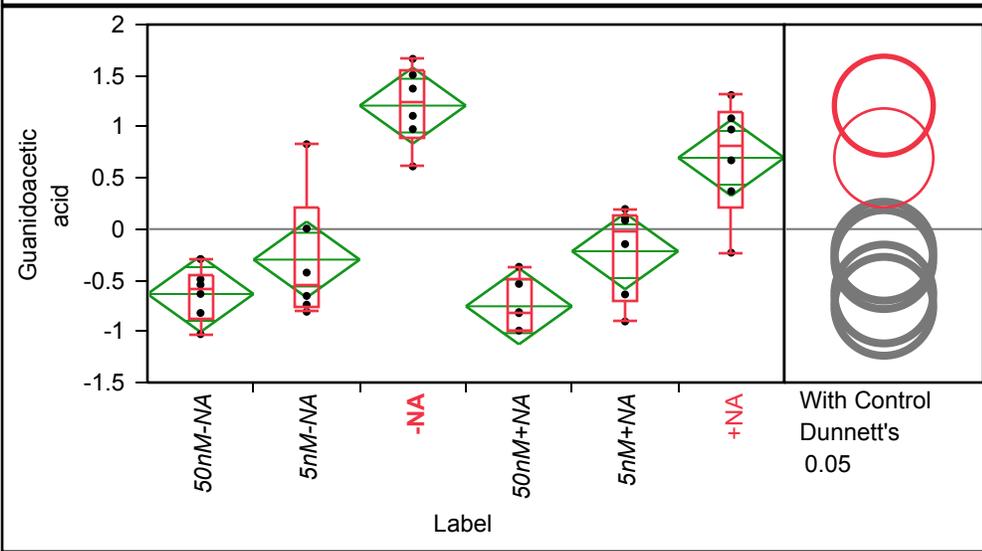
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.9990	0.31301	-1.638	-0.360
5nM-NA	6	-0.7431	0.31301	-1.382	-0.104
-NA	6	0.6055	0.31301	-0.034	1.245
50nM+NA	6	-0.7830	0.31301	-1.422	-0.144
5nM+NA	6	-0.2813	0.31301	-0.921	0.358
+NA	6	2.2008	0.31301	1.562	2.840

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Guanidoacetic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.02743	-1.02743	-0.87202	-0.58845	-0.44093	-0.29312	-0.29312
5nM-NA	-0.80808	-0.80808	-0.75625	-0.53925	0.21124	0.829887	0.829887
-NA	0.61294	0.61294	0.886313	1.240441	1.547318	1.664759	1.664759
50nM+NA	-0.99903	-0.99903	-0.99411	-0.8165	-0.49376	-0.36874	-0.36874
5nM+NA	-0.90316	-0.90316	-0.70477	-0.03136	0.132221	0.19648	0.19648
+NA	-0.23066	-0.23066	0.22008	0.823308	1.14009	1.310698	1.310698

Oneway Anova

Summary of Fit

Rsquare	0.754632
Adj Rsquare	0.713737
Root Mean Square Error	0.445457
Mean of Response	2.78e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	18.308360	3.66167	18.4530	<.0001 *
Error	30	5.952956	0.19843		
C. Total	35	24.261315			

Means for Oneway Anova

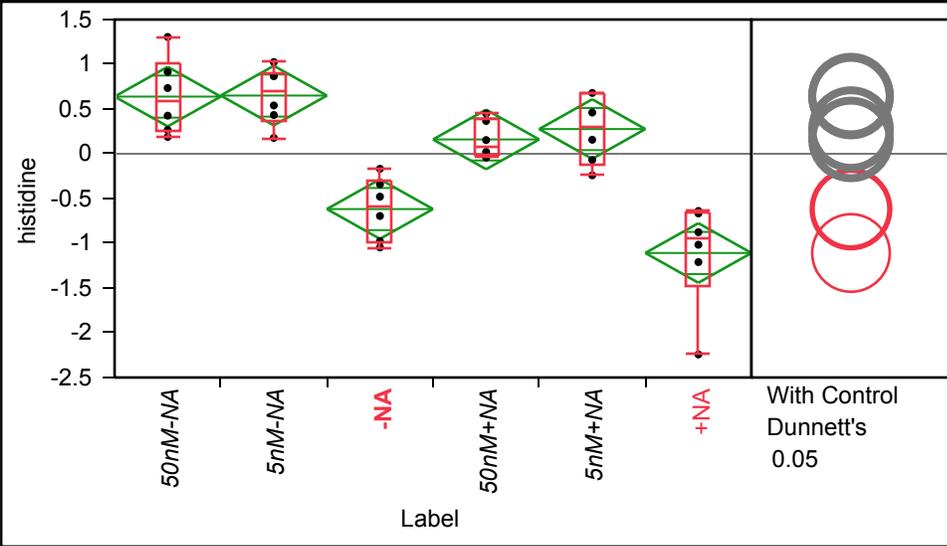
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.6346	0.18186	-1.006	-0.263
5nM-NA	6	-0.2984	0.18186	-0.670	0.073
-NA	6	1.2074	0.18186	0.836	1.579
50nM+NA	6	-0.7548	0.18186	-1.126	-0.383
5nM+NA	6	-0.2162	0.18186	-0.588	0.155
+NA	6	0.6967	0.18186	0.325	1.068

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of histidine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.188544	0.188544	0.246292	0.580182	1.012277	1.305121	1.305121
5nM-NA	0.177592	0.177592	0.369319	0.70083	0.906263	1.024813	1.024813
-NA	-1.04647	-1.04647	-0.9941	-0.58727	-0.29737	-0.16766	-0.16766
50nM+NA	-0.04307	-0.04307	-0.00061	0.0871	0.387698	0.449766	0.449766
5nM+NA	-0.2402	-0.2402	-0.11189	0.308772	0.671635	0.679872	0.679872
+NA	-2.24214	-2.24214	-1.46836	-0.94625	-0.65978	-0.639	-0.639

Oneway Anova

Summary of Fit

Rsquare	0.76143
Adj Rsquare	0.721669
Root Mean Square Error	0.39926
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	15.263273	3.05265	19.1499	<.0001 *
Error	30	4.782252	0.15941		
C. Total	35	20.045525			

Means for Oneway Anova

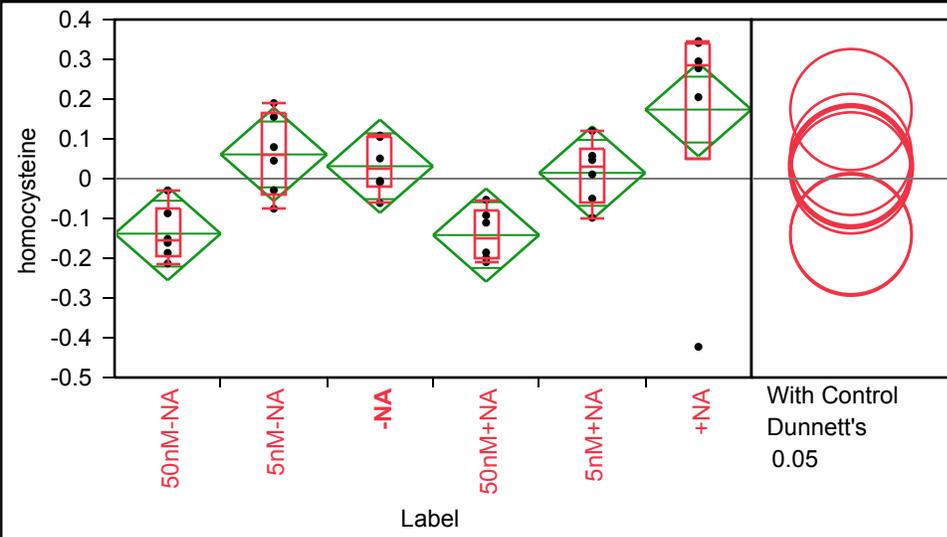
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.6390	0.16300	0.306	0.9719
5nM-NA	6	0.6507	0.16300	0.318	0.9836
-NA	6	-0.6177	0.16300	-0.951	-0.2848
50nM+NA	6	0.1602	0.16300	-0.173	0.4931
5nM+NA	6	0.2762	0.16300	-0.057	0.6090
+NA	6	-1.1085	0.16300	-1.441	-0.7756

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of homocysteine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.21313	-0.21313	-0.19321	-0.15641	-0.07291	-0.02998	-0.02998
5nM-NA	-0.07551	-0.07551	-0.04067	0.062259	0.163968	0.189963	0.189963
-NA	-0.06142	-0.06142	-0.02224	0.022615	0.105541	0.108318	0.108318
50nM+NA	-0.20998	-0.20998	-0.20222	-0.14817	-0.08244	-0.05319	-0.05319
5nM+NA	-0.09821	-0.09821	-0.06221	0.028716	0.073163	0.120032	0.120032
+NA	-0.42277	-0.42277	0.047982	0.286275	0.34226	0.345992	0.345992

Oneway Anova

Summary of Fit

Rsquare	0.429871
Adj Rsquare	0.334849
Root Mean Square Error	0.140376
Mean of Response	-5.6e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.4457292	0.089146	4.5239	0.0034 *
Error	30	0.5911622	0.019705		
C. Total	35	1.0368914			

Means for Oneway Anova

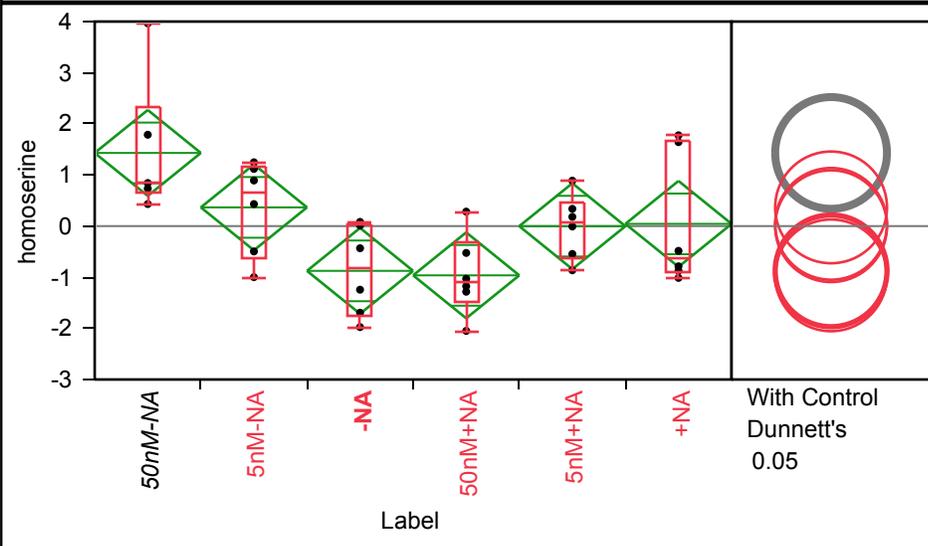
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.13829	0.05731	-0.2553	-0.0213
5nM-NA	6	0.06087	0.05731	-0.0562	0.1779
-NA	6	0.03126	0.05731	-0.0858	0.1483
50nM+NA	6	-0.14189	0.05731	-0.2589	-0.0248
5nM+NA	6	0.01443	0.05731	-0.1026	0.1315
+NA	6	0.17361	0.05731	0.0566	0.2907

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of homoserine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.431205	0.431205	0.658795	0.833375	2.330996	3.964943	3.964943
5nM-NA	-0.99817	-0.99817	-0.62099	0.661439	1.150897	1.247832	1.247832
-NA	-1.97502	-1.97502	-1.76445	-0.83852	0.029726	0.082439	0.082439
50nM+NA	-2.04913	-2.04913	-1.47506	-1.10237	-0.32277	0.282959	0.282959
5nM+NA	-0.86347	-0.86347	-0.62469	0.086919	0.474927	0.888309	0.888309
+NA	-1.01295	-1.01295	-0.90814	-0.63534	1.675417	1.775182	1.775182

Oneway Anova

Summary of Fit

Rsquare	0.433275
Adj Rsquare	0.338821
Root Mean Square Error	1.007022
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	23.258975	4.65179	4.5872	0.0032 *
Error	30	30.422778	1.01409		
C. Total	35	53.681753			

Means for Oneway Anova

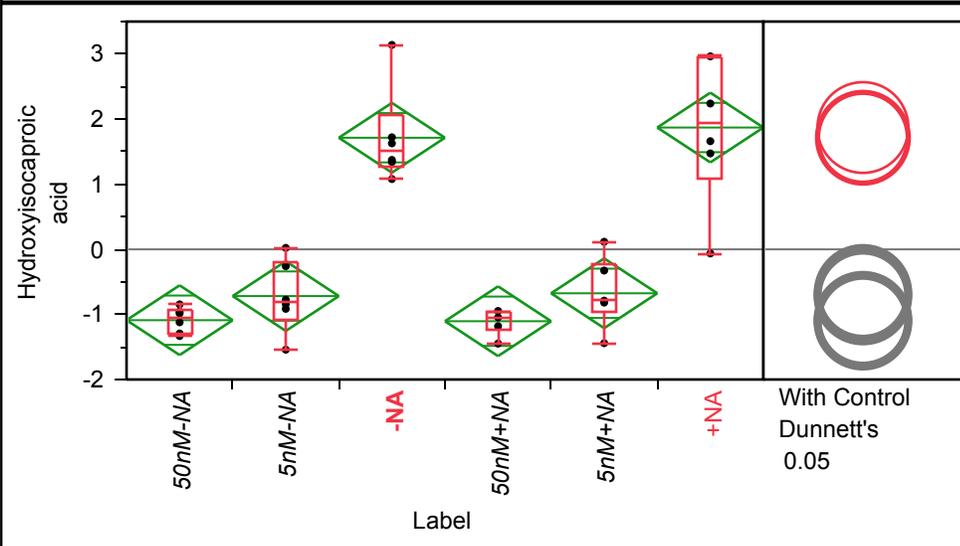
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.4307	0.41111	0.591	2.270
5nM-NA	6	0.3660	0.41111	-0.474	1.206
-NA	6	-0.8753	0.41111	-1.715	-0.036
50nM+NA	6	-0.9632	0.41111	-1.803	-0.124
5nM+NA	6	-0.0015	0.41111	-0.841	0.838
+NA	6	0.0434	0.41111	-0.796	0.883

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Hydroxyisocaproic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.33163	-1.33163	-1.30245	-1.05243	-0.92846	-0.84554	-0.84554
5nM-NA	-1.54157	-1.54157	-1.0711	-0.80749	-0.18914	0.022529	0.022529
-NA	1.080477	1.080477	1.276696	1.501376	2.07629	3.140562	3.140562
50nM+NA	-1.44743	-1.44743	-1.24713	-1.05234	-0.9473	-0.94694	-0.94694
5nM+NA	-1.44196	-1.44196	-0.97404	-0.79092	-0.21542	0.116368	0.116368
+NA	-0.06276	-0.06276	1.089942	1.951166	2.95438	2.965314	2.965314

Oneway Anova

Summary of Fit

Rsquare	0.826311
Adj Rsquare	0.797363
Root Mean Square Error	0.642482
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	58.913387	11.7827	28.5445	<.0001 *
Error	30	12.383502	0.4128		
C. Total	35	71.296889			

Means for Oneway Anova

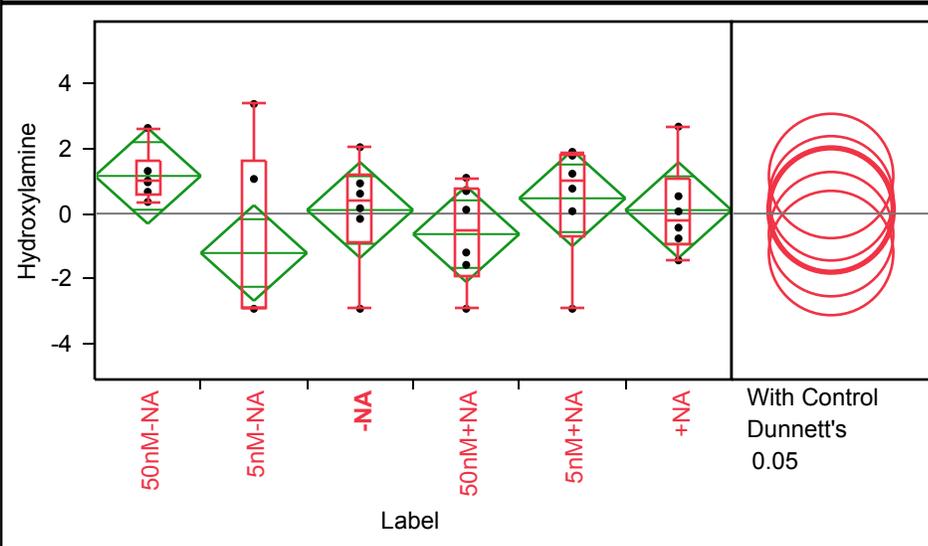
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.0885	0.26229	-1.624	-0.553
5nM-NA	6	-0.7180	0.26229	-1.254	-0.182
-NA	6	1.7146	0.26229	1.179	2.250
50nM+NA	6	-1.1045	0.26229	-1.640	-0.569
5nM+NA	6	-0.6753	0.26229	-1.211	-0.140
+NA	6	1.8716	0.26229	1.336	2.407

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Hydroxylamine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.356315	0.356315	0.588245	0.980738	1.630286	2.615176	2.615176
5nM-NA	-2.90823	-2.90823	-2.90823	-2.90818	1.630733	3.349005	3.349005
-NA	-2.90824	-2.90824	-0.84785	0.38551	1.199078	2.027783	2.027783
50nM+NA	-2.90831	-2.90831	-1.90259	-0.53543	0.789628	1.093404	1.093404
5nM+NA	-2.90832	-2.90832	-0.673	0.990872	1.798883	1.887163	1.887163
+NA	-1.42909	-1.42909	-0.92654	-0.18145	1.062158	2.655594	2.655594

Oneway Anova

Summary of Fit

Rsquare	0.181888
Adj Rsquare	0.045536
Root Mean Square Error	1.750907
Mean of Response	-4.6e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	20.44746	4.08949	1.3340	0.2769
Error	30	91.97026	3.06568		
C. Total	35	112.41773			

Means for Oneway Anova

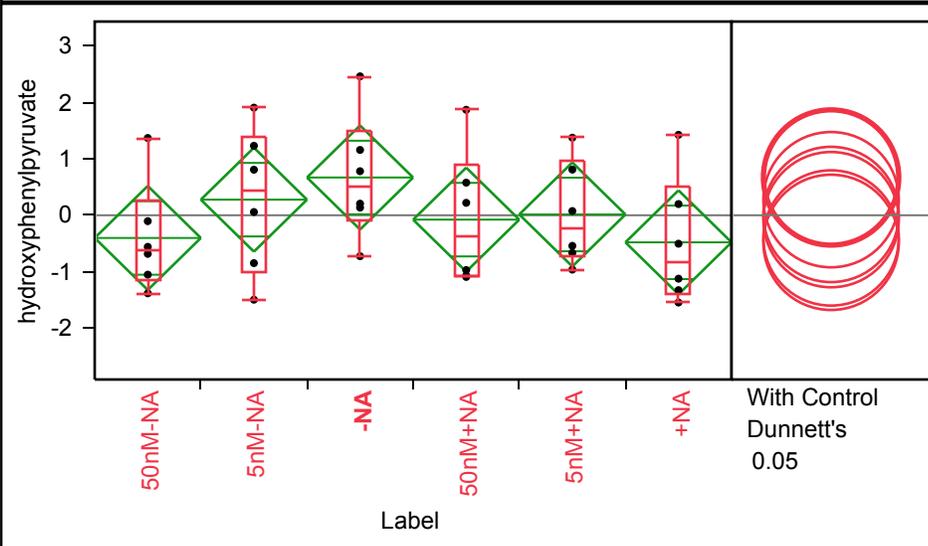
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.1501	0.71480	-0.310	2.6099
5nM-NA	6	-1.2043	0.71480	-2.664	0.2555
-NA	6	0.1087	0.71480	-1.351	1.5686
50nM+NA	6	-0.6275	0.71480	-2.087	0.8324
5nM+NA	6	0.4670	0.71480	-0.993	1.9268
+NA	6	0.1059	0.71480	-1.354	1.5658

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of hydroxyphenylpyruvate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.37977	-1.37977	-1.13288	-0.62036	0.263373	1.3661	1.3661
5nM-NA	-1.4927	-1.4927	-1.00815	0.431298	1.396975	1.90258	1.90258
-NA	-0.72407	-0.72407	-0.0794	0.491917	1.480216	2.456141	2.456141
50nM+NA	-1.0906	-1.0906	-1.07258	-0.37431	0.898592	1.86477	1.86477
5nM+NA	-0.96092	-0.96092	-0.73992	-0.23312	0.94836	1.371255	1.371255
+NA	-1.54279	-1.54279	-1.37922	-0.8123	0.503996	1.421881	1.421881

Oneway Anova

Summary of Fit

Rsquare	0.131286
Adj Rsquare	-0.0135
Root Mean Square Error	1.102473
Mean of Response	-1.2e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.510603	1.10212	0.9068	0.4897
Error	30	36.463431	1.21545		
C. Total	35	41.974034			

Means for Oneway Anova

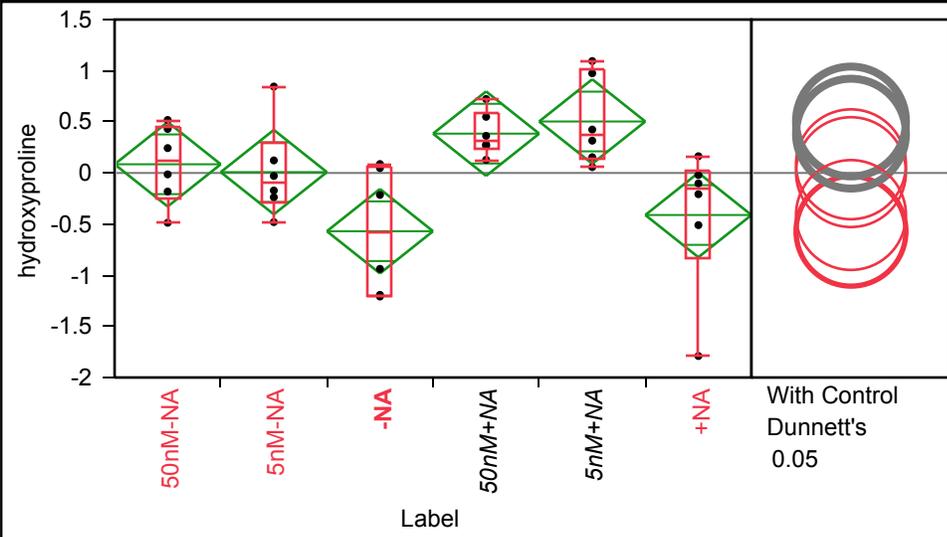
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.40153	0.45008	-1.321	0.5177
5nM-NA	6	0.27571	0.45008	-0.643	1.1949
-NA	6	0.66772	0.45008	-0.251	1.5869
50nM+NA	6	-0.07742	0.45008	-0.997	0.8418
5nM+NA	6	0.01421	0.45008	-0.905	0.9334
+NA	6	-0.47869	0.45008	-1.398	0.4405

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of hydroxyproline By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.48669	-0.48669	-0.25814	0.114666	0.45238	0.517859	0.517859
5nM-NA	-0.48039	-0.48039	-0.29806	-0.10049	0.303252	0.844695	0.844695
-NA	-1.208	-1.208	-1.19597	-0.57618	0.057737	0.087113	0.087113
50nM+NA	0.128504	0.128504	0.230966	0.320636	0.592397	0.723025	0.723025
5nM+NA	0.057384	0.057384	0.129749	0.369825	1.004346	1.094039	1.094039
+NA	-1.78979	-1.78979	-0.83009	-0.15514	0.025868	0.163425	0.163425

Oneway Anova

Summary of Fit

Rsquare	0.423957
Adj Rsquare	0.32795
Root Mean Square Error	0.495017
Mean of Response	-8.3e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.410399	1.08208	4.4159	0.0039 *
Error	30	7.351266	0.24504		
C. Total	35	12.761665			

Means for Oneway Anova

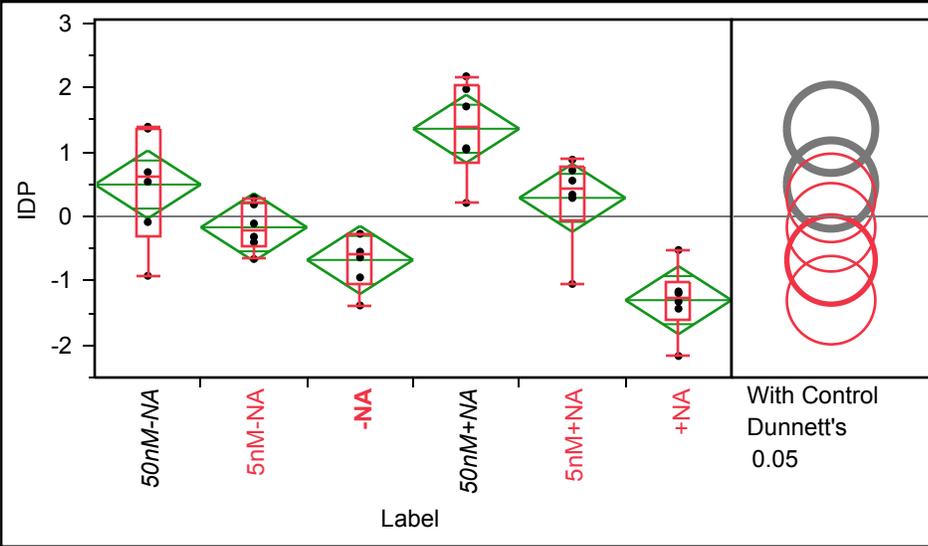
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.08485	0.20209	-0.3279	0.4976
5nM-NA	6	0.00814	0.20209	-0.4046	0.4209
-NA	6	-0.56954	0.20209	-0.9823	-0.1568
50nM+NA	6	0.38446	0.20209	-0.0283	0.7972
5nM+NA	6	0.50323	0.20209	0.0905	0.9160
+NA	6	-0.41114	0.20209	-0.8239	0.0016

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of IDP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.92141	-0.92141	-0.29564	0.612922	1.369479	1.390958	1.390958
5nM-NA	-0.66069	-0.66069	-0.46703	-0.2125	0.211969	0.289657	0.289657
-NA	-1.38136	-1.38136	-1.055	-0.59192	-0.27226	-0.26917	-0.26917
50nM+NA	0.209471	0.209471	0.830978	1.382597	2.026167	2.175191	2.175191
5nM+NA	-1.04806	-1.04806	-0.04719	0.447102	0.756666	0.88056	0.88056
+NA	-2.16651	-2.16651	-1.61537	-1.25689	-1.00355	-0.52098	-0.52098

Oneway Anova

Summary of Fit

Rsquare	0.685313
Adj Rsquare	0.632866
Root Mean Square Error	0.632314
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	26.121512	5.22430	13.0666	<.0001 *
Error	30	11.994645	0.39982		
C. Total	35	38.116157			

Means for Oneway Anova

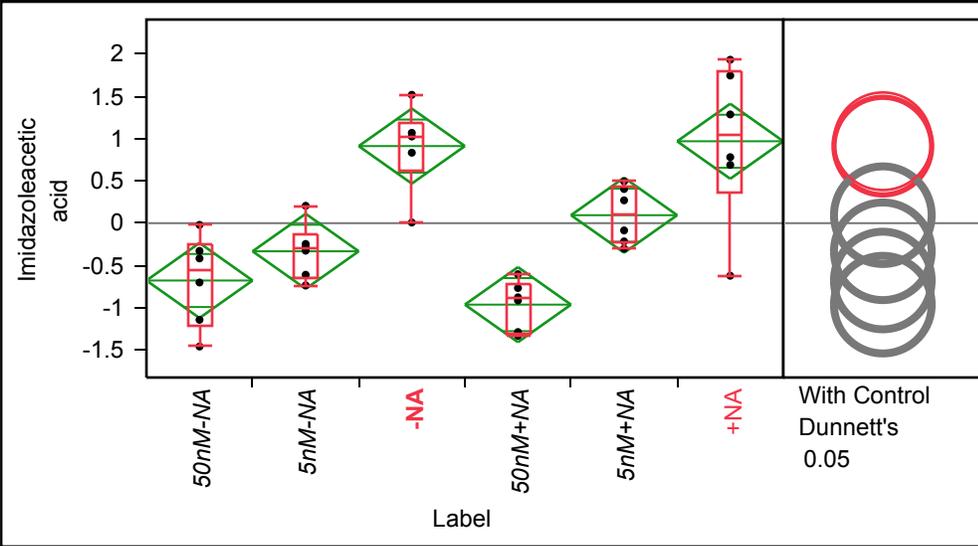
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.4951	0.25814	-0.032	1.022
5nM-NA	6	-0.1687	0.25814	-0.696	0.358
-NA	6	-0.6756	0.25814	-1.203	-0.148
50nM+NA	6	1.3607	0.25814	0.834	1.888
5nM+NA	6	0.2881	0.25814	-0.239	0.815
+NA	6	-1.2996	0.25814	-1.827	-0.772

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Imidazoleacetic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.45894	-1.45894	-1.22216	-0.5593	-0.25125	-0.02059	-0.02059
5nM-NA	-0.73543	-0.73543	-0.64176	-0.30479	-0.13315	0.205416	0.205416
-NA	0.007729	0.007729	0.62688	1.021149	1.180975	1.517922	1.517922
50nM+NA	-1.33171	-1.33171	-1.29904	-0.89571	-0.72635	-0.6036	-0.6036
5nM+NA	-0.30137	-0.30137	-0.23699	0.091949	0.426615	0.49406	0.49406
+NA	-0.6221	-0.6221	0.361357	1.033371	1.792756	1.932845	1.932845

Oneway Anova

Summary of Fit

Rsquare	0.6983
Adj Rsquare	0.648017
Root Mean Square Error	0.532207
Mean of Response	2.47e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	19.667547	3.93351	13.8873	<.0001 *
Error	30	8.497330	0.28324		
C. Total	35	28.164878			

Means for Oneway Anova

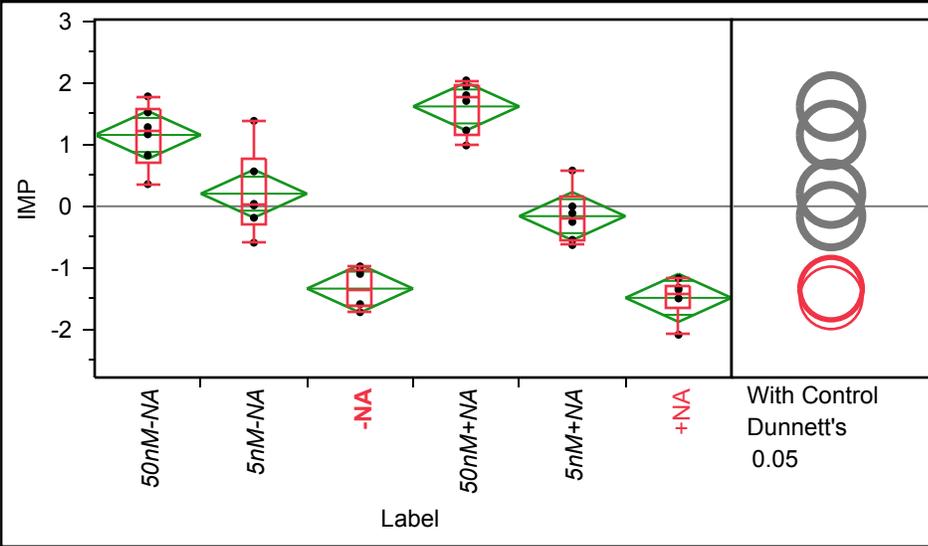
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.67825	0.21727	-1.122	-0.235
5nM-NA	6	-0.33269	0.21727	-0.776	0.111
-NA	6	0.91165	0.21727	0.468	1.355
50nM+NA	6	-0.96369	0.21727	-1.407	-0.520
5nM+NA	6	0.09420	0.21727	-0.350	0.538
+NA	6	0.96879	0.21727	0.525	1.413

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of IMP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.358518	0.358518	0.710882	1.225074	1.587062	1.782003	1.782003
5nM-NA	-0.59035	-0.59035	-0.2877	0.026074	0.770412	1.385265	1.385265
-NA	-1.71782	-1.71782	-1.62158	-1.34181	-1.02681	-0.97379	-0.97379
50nM+NA	0.986201	0.986201	1.169468	1.754325	1.969526	2.041595	2.041595
5nM+NA	-0.62901	-0.62901	-0.56504	-0.18277	0.143192	0.579272	0.579272
+NA	-2.08297	-2.08297	-1.64121	-1.42343	-1.28024	-1.16723	-1.16723

Oneway Anova

Summary of Fit

Rsquare	0.88031
Adj Rsquare	0.860361
Root Mean Square Error	0.466782
Mean of Response	4.93e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	48.075701	9.61514	44.1294	<.0001 *
Error	30	6.536560	0.21789		
C. Total	35	54.612261			

Means for Oneway Anova

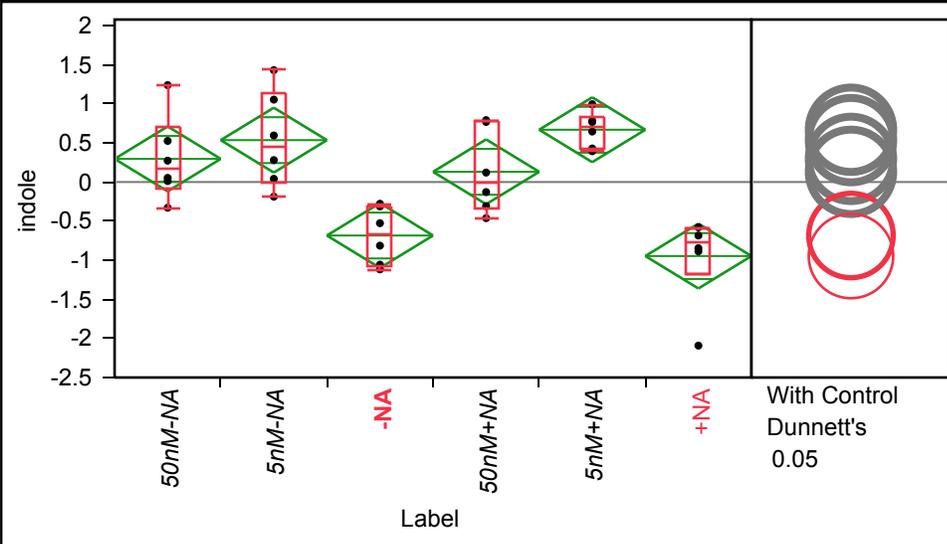
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.1568	0.19056	0.768	1.546
5nM-NA	6	0.2043	0.19056	-0.185	0.593
-NA	6	-1.3349	0.19056	-1.724	-0.946
50nM+NA	6	1.6188	0.19056	1.230	2.008
5nM+NA	6	-0.1602	0.19056	-0.549	0.229
+NA	6	-1.4848	0.19056	-1.874	-1.096

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of indole By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.32879	-0.32879	-0.07273	0.16321	0.704116	1.238955	1.238955
5nM-NA	-0.18749	-0.18749	-0.01613	0.437952	1.148042	1.430902	1.430902
-NA	-1.11692	-1.11692	-1.07173	-0.67006	-0.30395	-0.27771	-0.27771
50nM+NA	-0.46206	-0.46206	-0.34666	-0.00374	0.774324	0.79188	0.79188
5nM+NA	0.393845	0.393845	0.420236	0.706154	0.83505	0.995396	0.995396
+NA	-2.09193	-2.09193	-1.18785	-0.7654	-0.58796	-0.57995	-0.57995

Oneway Anova

Summary of Fit

Rsquare	0.640362
Adj Rsquare	0.580423
Root Mean Square Error	0.4974
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	13.215795	2.64316	10.6835	<.0001 *
Error	30	7.422196	0.24741		
C. Total	35	20.637992			

Means for Oneway Anova

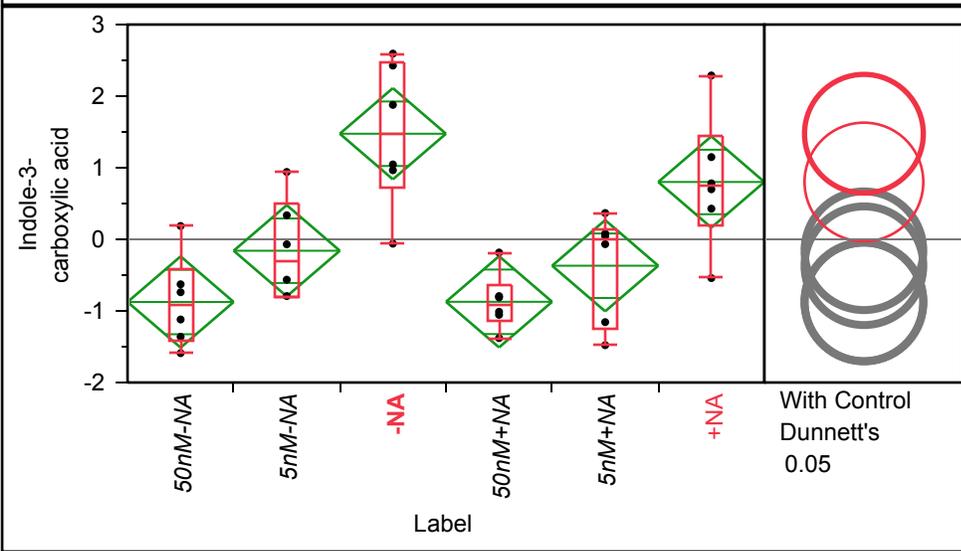
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.29584	0.20306	-0.119	0.711
5nM-NA	6	0.53568	0.20306	0.121	0.950
-NA	6	-0.68402	0.20306	-1.099	-0.269
50nM+NA	6	0.13044	0.20306	-0.284	0.545
5nM+NA	6	0.66870	0.20306	0.254	1.083
+NA	6	-0.94663	0.20306	-1.361	-0.532

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Indole-3-carboxylic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.59005	-1.59005	-1.41836	-0.9294	-0.42444	0.186262	0.186262
5nM-NA	-0.8063	-0.8063	-0.79612	-0.31694	0.48718	0.940789	0.940789
-NA	-0.06025	-0.06025	0.708731	1.461897	2.46879	2.593926	2.593926
50nM+NA	-1.37947	-1.37947	-1.13604	-0.91184	-0.64088	-0.18423	-0.18423
5nM+NA	-1.47846	-1.47846	-1.23724	-0.01243	0.152238	0.36722	0.36722
+NA	-0.54149	-0.54149	0.185936	0.740883	1.43369	2.288602	2.288602

Oneway Anova

Summary of Fit

Rsquare	0.606813
Adj Rsquare	0.541282
Root Mean Square Error	0.764148
Mean of Response	-7.4e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	27.035334	5.40707	9.2599	<.0001 *
Error	30	17.517671	0.58392		
C. Total	35	44.553004			

Means for Oneway Anova

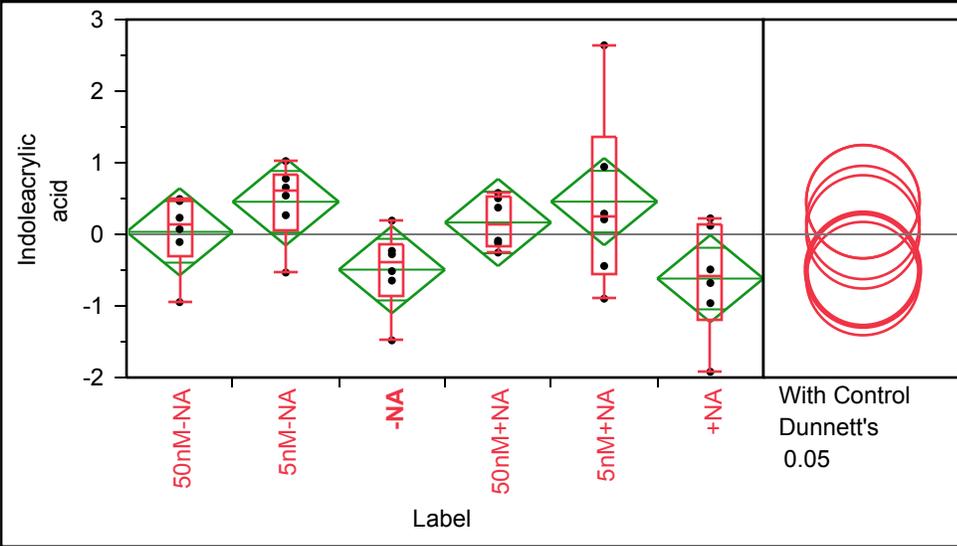
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.8753	0.31196	-1.512	-0.238
5nM-NA	6	-0.1594	0.31196	-0.796	0.478
-NA	6	1.4749	0.31196	0.838	2.112
50nM+NA	6	-0.8726	0.31196	-1.510	-0.235
5nM+NA	6	-0.3687	0.31196	-1.006	0.268
+NA	6	0.8010	0.31196	0.164	1.438

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Indoleacrylic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.94755	-0.94755	-0.31776	0.151871	0.471961	0.493348	0.493348
5nM-NA	-0.53357	-0.53357	0.066643	0.597815	0.838781	1.02236	1.02236
-NA	-1.48144	-1.48144	-0.85493	-0.39639	-0.12549	0.191641	0.191641
50nM+NA	-0.25472	-0.25472	-0.15338	0.142522	0.522269	0.578258	0.578258
5nM+NA	-0.89884	-0.89884	-0.55624	0.248948	1.367532	2.640111	2.640111
+NA	-1.92004	-1.92004	-1.20119	-0.58561	0.146679	0.223247	0.223247

Oneway Anova

Summary of Fit

Rsquare	0.286649
Adj Rsquare	0.167757
Root Mean Square Error	0.729551
Mean of Response	8.33e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	6.416220	1.28324	2.4110	0.0595
Error	30	15.967340	0.53224		
C. Total	35	22.383560			

Means for Oneway Anova

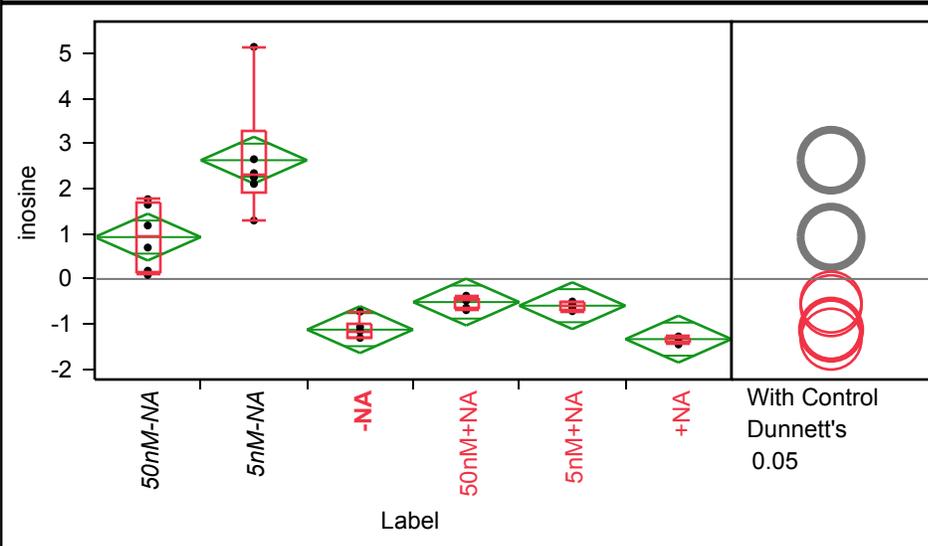
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.03442	0.29784	-0.574	0.643
5nM-NA	6	0.45479	0.29784	-0.153	1.063
-NA	6	-0.49331	0.29784	-1.102	0.115
50nM+NA	6	0.16543	0.29784	-0.443	0.774
5nM+NA	6	0.45674	0.29784	-0.152	1.065
+NA	6	-0.61807	0.29784	-1.226	-0.0098

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of inosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.089975	0.089975	0.159784	0.941052	1.677092	1.768554	1.768554
5nM-NA	1.295879	1.295879	1.904558	2.297163	3.276728	5.144731	5.144731
-NA	-1.31656	-1.31656	-1.30899	-1.16456	-0.97927	-0.72385	-0.72385
50nM+NA	-0.69116	-0.69116	-0.65075	-0.48025	-0.40168	-0.3709	-0.3709
5nM+NA	-0.71345	-0.71345	-0.67755	-0.58643	-0.50117	-0.50005	-0.50005
+NA	-1.45108	-1.45108	-1.40732	-1.29812	-1.28352	-1.27444	-1.27444

Oneway Anova

Summary of Fit

Rsquare	0.855672
Adj Rsquare	0.831617
Root Mean Square Error	0.6214
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	68.678164	13.7356	35.5719	<.0001 *
Error	30	11.584123	0.3861		
C. Total	35	80.262287			

Means for Oneway Anova

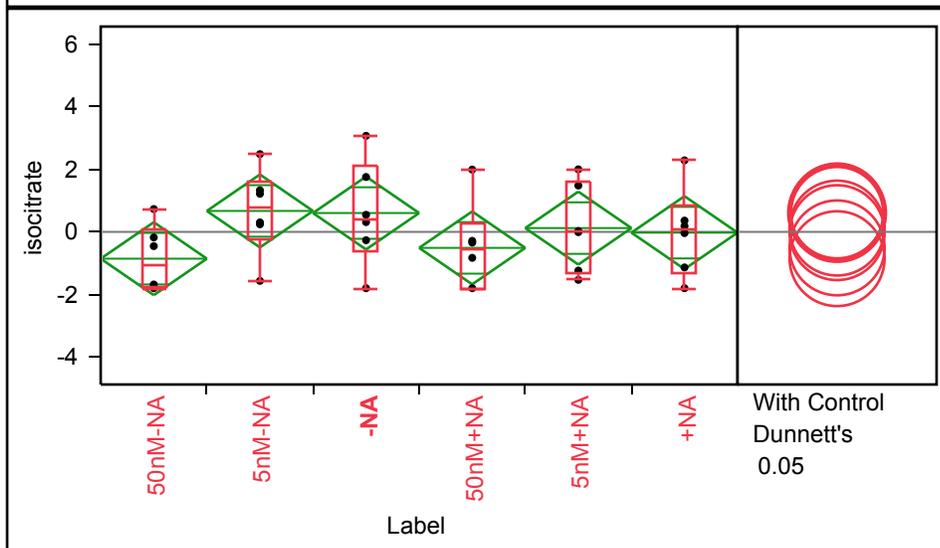
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.9284	0.25369	0.410	1.446
5nM-NA	6	2.6327	0.25369	2.115	3.151
-NA	6	-1.1234	0.25369	-1.641	-0.605
50nM+NA	6	-0.5120	0.25369	-1.030	0.00613
5nM+NA	6	-0.5923	0.25369	-1.110	-0.074
+NA	6	-1.3335	0.25369	-1.852	-0.815

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of isocitrate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.79541	-1.79541	-1.76125	-1.06529	0.04909	0.728292	0.728292
5nM-NA	-1.56152	-1.56152	-0.20895	0.758671	1.614567	2.477935	2.477935
-NA	-1.79535	-1.79535	-0.64844	0.427554	2.077753	3.061227	3.061227
50nM+NA	-1.79546	-1.79546	-1.79543	-0.58449	0.281865	1.984964	1.984964
5nM+NA	-1.52868	-1.52868	-1.30746	0.008809	1.605758	1.99351	1.99351
+NA	-1.79537	-1.79537	-1.29893	0.071702	0.839196	2.27944	2.27944

Oneway Anova

Summary of Fit

Rsquare	0.157242
Adj Rsquare	0.016783
Root Mean Square Error	1.393264
Mean of Response	6.17e-18
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	10.865631	2.17313	1.1195	0.3712
Error	30	58.235506	1.94118		
C. Total	35	69.101138			

Means for Oneway Anova

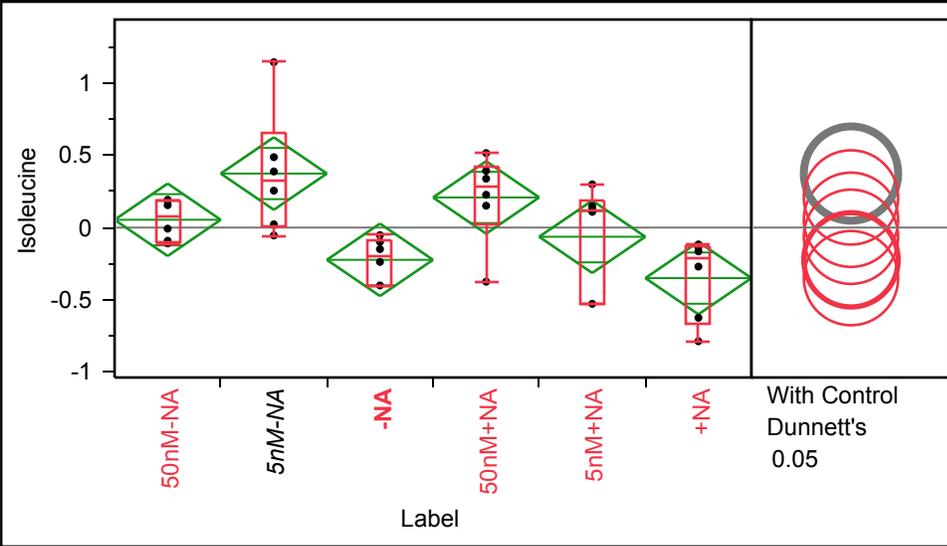
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.85414	0.56880	-2.016	0.3075
5nM-NA	6	0.66707	0.56880	-0.495	1.8287
-NA	6	0.60080	0.56880	-0.561	1.7624
50nM+NA	6	-0.51012	0.56880	-1.672	0.6515
5nM+NA	6	0.12087	0.56880	-1.041	1.2825
+NA	6	-0.02448	0.56880	-1.186	1.1372

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Isoleucine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.10923	-0.10923	-0.09585	0.073898	0.18632	0.192968	0.192968
5nM-NA	-0.05452	-0.05452	0.003261	0.322243	0.652205	1.145669	1.145669
-NA	-0.40111	-0.40111	-0.40097	-0.19363	-0.0873	-0.05259	-0.05259
50nM+NA	-0.3746	-0.3746	0.019938	0.283109	0.424121	0.516092	0.516092
5nM+NA	-0.53391	-0.53391	-0.52965	0.116114	0.186606	0.299607	0.299607
+NA	-0.78774	-0.78774	-0.66558	-0.21755	-0.13116	-0.11706	-0.11706

Oneway Anova

Summary of Fit

Rsquare	0.445011
Adj Rsquare	0.352513
Root Mean Square Error	0.300969
Mean of Response	5.56e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	2.1789743	0.435795	4.8110	0.0024 *
Error	30	2.7174760	0.090583		
C. Total	35	4.8964503			

Means for Oneway Anova

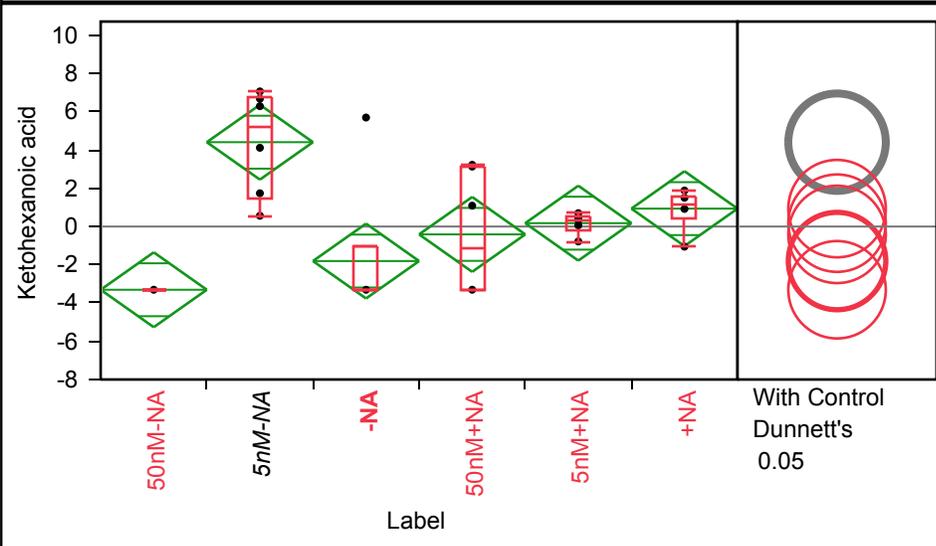
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.05404	0.12287	-0.1969	0.3050
5nM-NA	6	0.37431	0.12287	0.1234	0.6252
-NA	6	-0.22346	0.12287	-0.4744	0.0275
50nM+NA	6	0.20877	0.12287	-0.0422	0.4597
5nM+NA	6	-0.06356	0.12287	-0.3145	0.1874
+NA	6	-0.35010	0.12287	-0.6010	-0.0992

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Ketohehexanoic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-3.31088	-3.31088	-3.31087	-3.31086	-3.31083	-3.3108	-3.3108
5nM-NA	0.564491	0.564491	1.447323	5.212808	6.788121	7.074387	7.074387
-NA	-3.31083	-3.31083	-3.31083	-3.31081	-1.05633	5.70705	5.70705
50nM+NA	-3.31087	-3.31087	-3.31086	-1.10883	3.162229	3.230753	3.230753
5nM+NA	-0.78138	-0.78138	-0.14957	0.315604	0.509474	0.699221	0.699221
+NA	-1.05285	-1.05285	0.418991	1.189194	1.600948	1.884804	1.884804

Oneway Anova

Summary of Fit

Rsquare	0.557537
Adj Rsquare	0.483793
Root Mean Square Error	2.35071
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	208.88898	41.7778	7.5604	0.0001 *
Error	30	165.77509	5.5258		
C. Total	35	374.66407			

Means for Oneway Anova

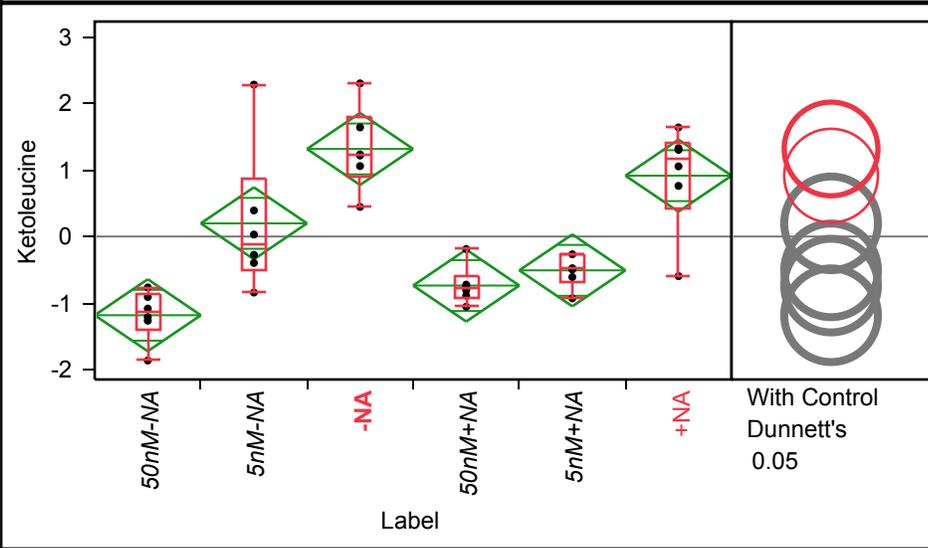
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-3.3108	0.95967	-5.271	-1.351
5nM-NA	6	4.4165	0.95967	2.457	6.376
-NA	6	-1.8078	0.95967	-3.768	0.152
50nM+NA	6	-0.4115	0.95967	-2.371	1.548
5nM+NA	6	0.1760	0.95967	-1.784	2.136
+NA	6	0.9377	0.95967	-1.022	2.898

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Ketoleucine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.86031	-1.86031	-1.41235	-1.14529	-0.87167	-0.76368	-0.76368
5nM-NA	-0.84057	-0.84057	-0.50767	-0.1228	0.862674	2.278405	2.278405
-NA	0.444412	0.444412	0.903585	1.223028	1.802126	2.29753	2.29753
50nM+NA	-1.05376	-1.05376	-0.92963	-0.78133	-0.58831	-0.18813	-0.18813
5nM+NA	-0.9278	-0.9278	-0.68808	-0.48552	-0.27085	-0.26656	-0.26656
+NA	-0.59487	-0.59487	0.420958	1.176126	1.402737	1.63563	1.63563

Oneway Anova

Summary of Fit

Rsquare	0.695655
Adj Rsquare	0.644931
Root Mean Square Error	0.647504
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	28.749723	5.74994	13.7145	<.0001 *
Error	30	12.577825	0.41926		
C. Total	35	41.327548			

Means for Oneway Anova

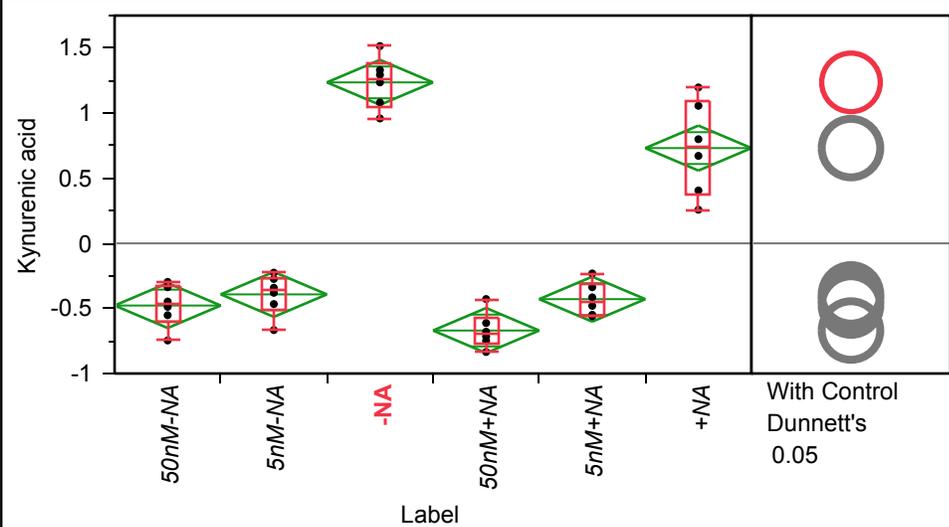
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.1809	0.26434	-1.721	-0.641
5nM-NA	6	0.1977	0.26434	-0.342	0.738
-NA	6	1.3136	0.26434	0.774	1.853
50nM+NA	6	-0.7358	0.26434	-1.276	-0.196
5nM+NA	6	-0.5076	0.26434	-1.048	0.032
+NA	6	0.9129	0.26434	0.373	1.453

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Kynurenic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.74606	-0.74606	-0.60066	-0.46759	-0.32679	-0.29614	-0.29614
5nM-NA	-0.66612	-0.66612	-0.5164	-0.36065	-0.26146	-0.22521	-0.22521
-NA	0.959528	0.959528	1.051276	1.265735	1.377325	1.515564	1.515564
50nM+NA	-0.83444	-0.83444	-0.77063	-0.69739	-0.56618	-0.42792	-0.42792
5nM+NA	-0.55979	-0.55979	-0.55167	-0.44753	-0.31079	-0.23138	-0.23138
+NA	0.258324	0.258324	0.368951	0.736048	1.092051	1.19775	1.19775

Oneway Anova

Summary of Fit

Rsquare	0.934822
Adj Rsquare	0.923959
Root Mean Square Error	0.207214
Mean of Response	-5.56e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	18.475181	3.69504	86.0555	<.0001 *
Error	30	1.288134	0.04294		
C. Total	35	19.763315			

Means for Oneway Anova

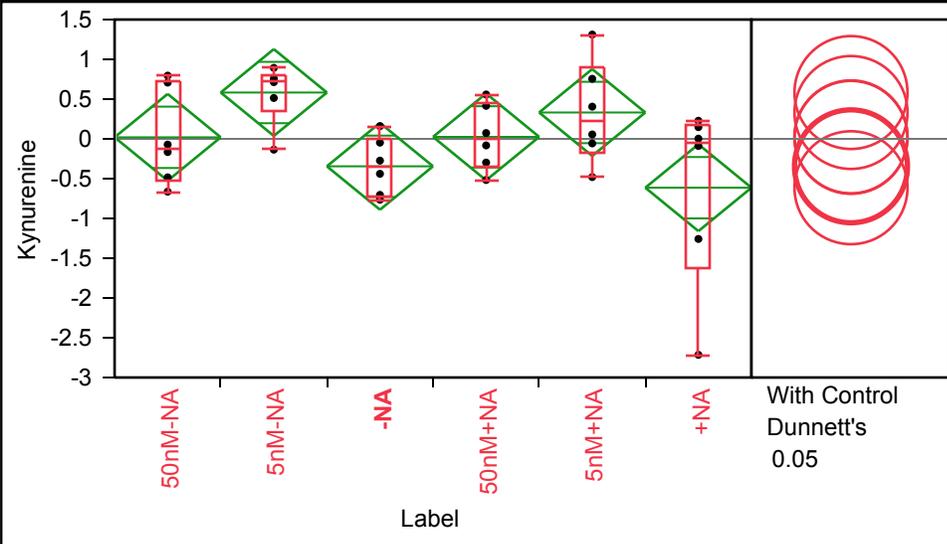
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.4778	0.08459	-0.651	-0.305
5nM-NA	6	-0.3921	0.08459	-0.565	-0.219
-NA	6	1.2366	0.08459	1.064	1.409
50nM+NA	6	-0.6698	0.08459	-0.843	-0.497
5nM+NA	6	-0.4287	0.08459	-0.602	-0.256
+NA	6	0.7318	0.08459	0.559	0.905

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Kynurenine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.66348	-0.66348	-0.52865	-0.11869	0.729267	0.794855	0.794855
5nM-NA	-0.13547	-0.13547	0.351598	0.733668	0.791098	0.892751	0.892751
-NA	-0.76462	-0.76462	-0.71928	-0.35639	0.004359	0.159724	0.159724
50nM+NA	-0.51677	-0.51677	-0.35272	-0.00437	0.450968	0.558133	0.558133
5nM+NA	-0.48012	-0.48012	-0.1628	0.230267	0.894295	1.311209	1.311209
+NA	-2.71471	-2.71471	-1.62237	-0.04313	0.167627	0.227676	0.227676

Oneway Anova

Summary of Fit

Rsquare	0.306567
Adj Rsquare	0.190994
Root Mean Square Error	0.654319
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.678322	1.13566	2.6526	0.0422 *
Error	30	12.843994	0.42813		
C. Total	35	18.522316			

Means for Oneway Anova

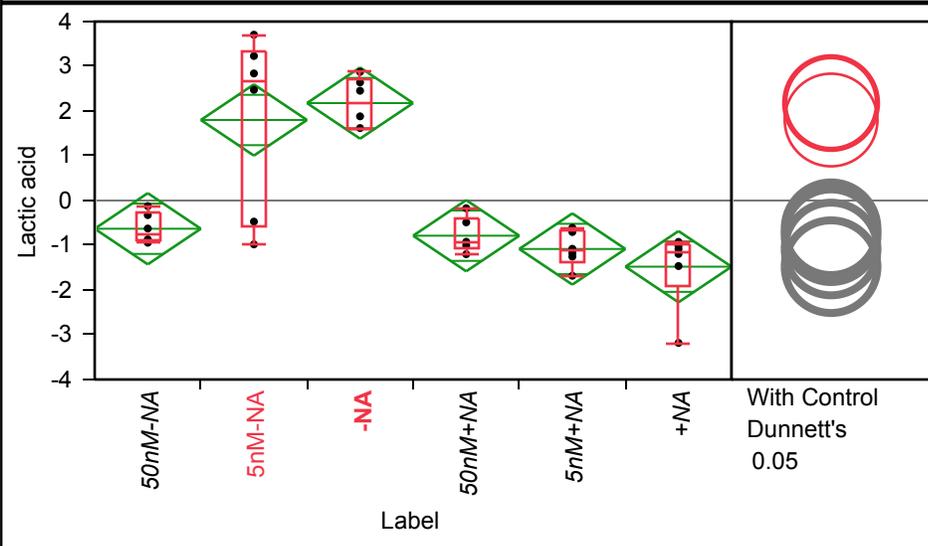
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.01961	0.26712	-0.526	0.565
5nM-NA	6	0.58263	0.26712	0.037	1.128
-NA	6	-0.34488	0.26712	-0.890	0.201
50nM+NA	6	0.02497	0.26712	-0.521	0.571
5nM+NA	6	0.33165	0.26712	-0.214	0.877
+NA	6	-0.61399	0.26712	-1.160	-0.068

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Lactic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.94238	-0.94238	-0.90881	-0.74627	-0.27559	-0.12474	-0.12474
5nM-NA	-0.97952	-0.97952	-0.59848	2.65681	3.349276	3.70579	3.70579
-NA	1.597497	1.597497	1.613839	2.16759	2.699438	2.874866	2.874866
50nM+NA	-1.19934	-1.19934	-1.05313	-0.92655	-0.40875	-0.1724	-0.1724
5nM+NA	-1.68133	-1.68133	-1.36056	-1.12475	-0.67986	-0.60879	-0.60879
+NA	-3.18171	-3.18171	-1.89387	-1.14038	-0.99483	-0.92462	-0.92462

Oneway Anova

Summary of Fit

Rsquare	0.730681
Adj Rsquare	0.685794
Root Mean Square Error	0.954397
Mean of Response	5.556e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	74.13783	14.8276	16.2784	<.0001 *
Error	30	27.32624	0.9109		
C. Total	35	101.46407			

Means for Oneway Anova

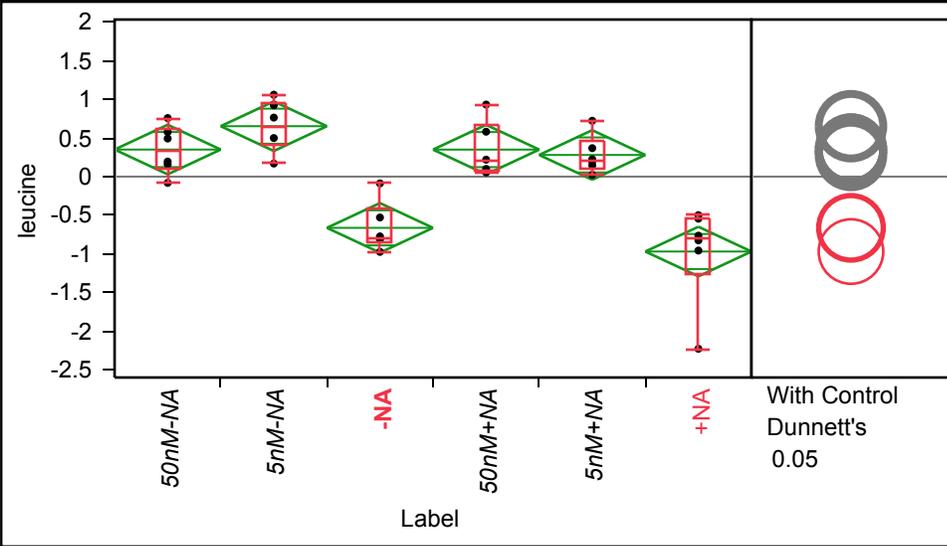
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.6305	0.38963	-1.426	0.165
5nM-NA	6	1.7998	0.38963	1.004	2.596
-NA	6	2.1780	0.38963	1.382	2.974
50nM+NA	6	-0.7861	0.38963	-1.582	0.0096
5nM+NA	6	-1.0828	0.38963	-1.879	-0.287
+NA	6	-1.4783	0.38963	-2.274	-0.683

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of leucine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.08093	-0.08093	0.099766	0.343746	0.622299	0.75803	0.75803
5nM-NA	0.169542	0.169542	0.416817	0.631775	0.95772	1.060596	1.060596
-NA	-0.97438	-0.97438	-0.8544	-0.78701	-0.41874	-0.08815	-0.08815
50nM+NA	0.053712	0.053712	0.087902	0.215498	0.669281	0.932744	0.932744
5nM+NA	0.0235	0.0235	0.115132	0.210656	0.457085	0.723368	0.723368
+NA	-2.22873	-2.22873	-1.27482	-0.79487	-0.53282	-0.49913	-0.49913

Oneway Anova

Summary of Fit

Rsquare	0.741919
Adj Rsquare	0.698905
Root Mean Square Error	0.384954
Mean of Response	8.33e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	12.780239	2.55605	17.2485	<.0001 *
Error	30	4.445690	0.14819		
C. Total	35	17.225929			

Means for Oneway Anova

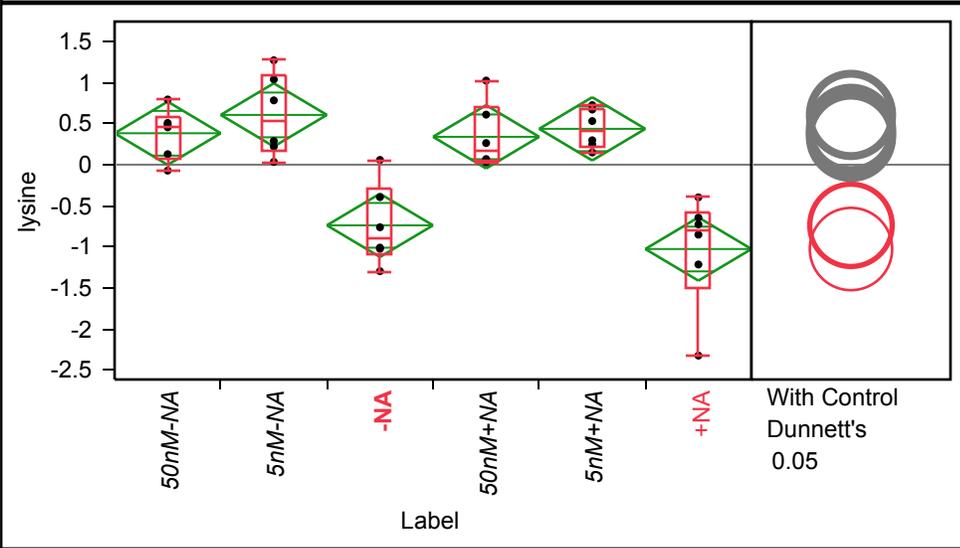
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.35027	0.15716	0.029	0.6712
5nM-NA	6	0.65273	0.15716	0.332	0.9737
-NA	6	-0.66332	0.15716	-0.984	-0.3424
50nM+NA	6	0.34970	0.15716	0.029	0.6707
5nM+NA	6	0.28036	0.15716	-0.041	0.6013
+NA	6	-0.96975	0.15716	-1.291	-0.6488

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of lysine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.07187	-0.07187	0.078038	0.470336	0.579936	0.794278	0.794278
5nM-NA	0.033944	0.033944	0.174815	0.536157	1.097618	1.272508	1.272508
-NA	-1.29786	-1.29786	-1.09323	-0.88679	-0.28198	0.057806	0.057806
50nM+NA	0.027511	0.027511	0.039236	0.166039	0.713873	1.024971	1.024971
5nM+NA	0.149263	0.149263	0.220725	0.414745	0.685891	0.726219	0.726219
+NA	-2.32634	-2.32634	-1.4937	-0.78982	-0.5834	-0.39808	-0.39808

Oneway Anova

Summary of Fit

Rsquare	0.693886
Adj Rsquare	0.642867
Root Mean Square Error	0.46239
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	14.539286	2.90786	13.6005	<.0001 *
Error	30	6.414142	0.21380		
C. Total	35	20.953428			

Means for Oneway Anova

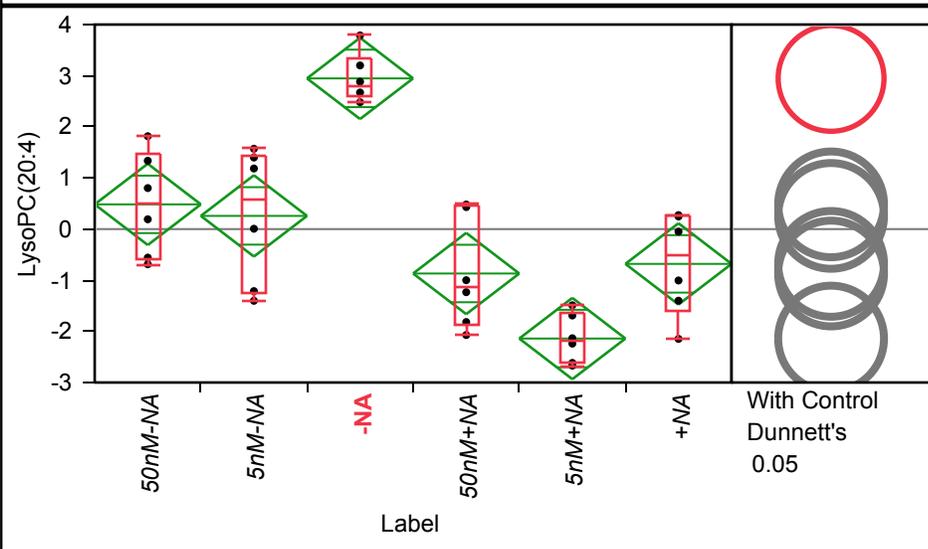
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.3833	0.18877	-0.0023	0.7688
5nM-NA	6	0.6066	0.18877	0.221	0.9922
-NA	6	-0.7390	0.18877	-1.125	-0.3535
50nM+NA	6	0.3396	0.18877	-0.046	0.7252
5nM+NA	6	0.4370	0.18877	0.051	0.8225
+NA	6	-1.0276	0.18877	-1.413	-0.6420

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of LysoPC(20:4) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.68757	-0.68757	-0.59036	0.497069	1.456597	1.816381	1.816381
5nM-NA	-1.40219	-1.40219	-1.26004	0.596048	1.442515	1.570914	1.570914
-NA	2.481484	2.481484	2.615831	2.776543	3.347178	3.787462	3.787462
50nM+NA	-2.07107	-2.07107	-1.88071	-1.1166	0.442889	0.480621	0.480621
5nM+NA	-2.67018	-2.67018	-2.62995	-2.18703	-1.63978	-1.48993	-1.48993
+NA	-2.14682	-2.14682	-1.58668	-0.52754	0.253664	0.273091	0.273091

Oneway Anova

Summary of Fit

Rsquare	0.764959
Adj Rsquare	0.725785
Root Mean Square Error	0.953128
Mean of Response	5.56e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	88.69876	17.7398	19.5274	<.0001 *
Error	30	27.25357	0.9085		
C. Total	35	115.95233			

Means for Oneway Anova

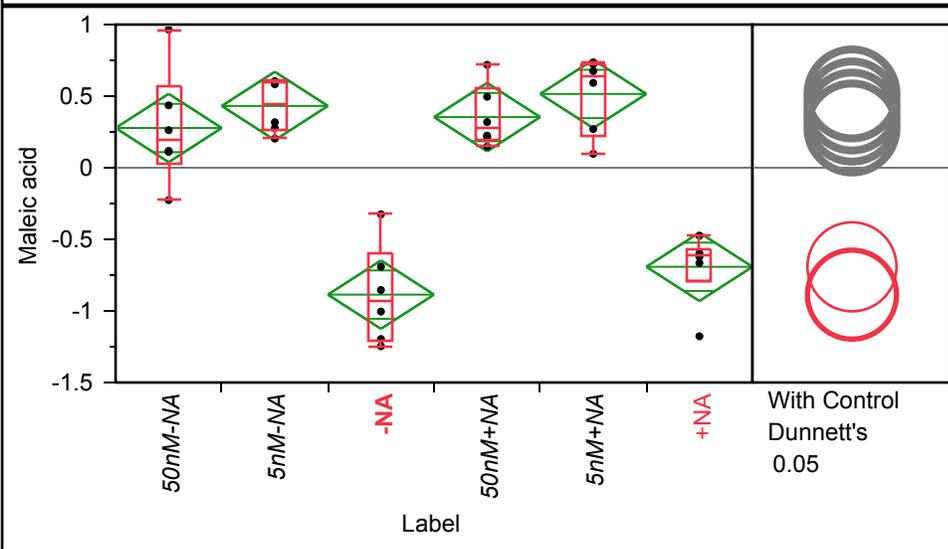
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.4836	0.38911	-0.311	1.278
5nM-NA	6	0.2580	0.38911	-0.537	1.053
-NA	6	2.9472	0.38911	2.153	3.742
50nM+NA	6	-0.8684	0.38911	-1.663	-0.074
5nM+NA	6	-2.1401	0.38911	-2.935	-1.345
+NA	6	-0.6803	0.38911	-1.475	0.114

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Maleic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.22611	-0.22611	0.026592	0.190076	0.567952	0.964944	0.964944
5nM-NA	0.203693	0.203693	0.258875	0.450246	0.60323	0.605204	0.605204
-NA	-1.2462	-1.2462	-1.20877	-0.92917	-0.59964	-0.32553	-0.32553
50nM+NA	0.148406	0.148406	0.199026	0.271596	0.55138	0.718834	0.718834
5nM+NA	0.0972	0.0972	0.226793	0.633571	0.72539	0.736205	0.736205
+NA	-1.17682	-1.17682	-0.79355	-0.61764	-0.5676	-0.47519	-0.47519

Oneway Anova

Summary of Fit

Rsquare	0.823787
Adj Rsquare	0.794418
Root Mean Square Error	0.28646
Mean of Response	-2.5e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	11.508686	2.30174	28.0497	<.0001 *
Error	30	2.461781	0.08206		
C. Total	35	13.970467			

Means for Oneway Anova

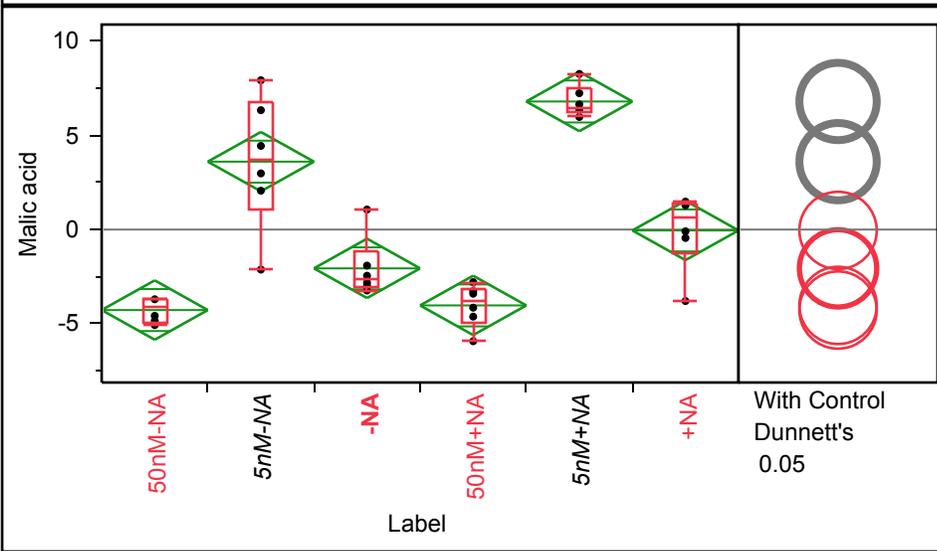
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.27757	0.11695	0.039	0.5164
5nM-NA	6	0.43154	0.11695	0.193	0.6704
-NA	6	-0.88623	0.11695	-1.125	-0.6474
50nM+NA	6	0.35365	0.11695	0.115	0.5925
5nM+NA	6	0.51539	0.11695	0.277	0.7542
+NA	6	-0.69192	0.11695	-0.931	-0.4531

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Malic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-5.06722	-5.06722	-4.89809	-4.14658	-3.71156	-3.69727	-3.69727
5nM-NA	-2.12111	-2.12111	1.016244	3.709513	6.729322	7.919709	7.919709
-NA	-3.23211	-3.23211	-3.05362	-2.63486	-1.16868	1.062083	1.062083
50nM+NA	-5.92247	-5.92247	-4.94361	-3.77361	-3.14453	-2.78929	-2.78929
5nM+NA	5.971429	5.971429	6.236444	6.489706	7.489553	8.256018	8.256018
+NA	-3.79074	-3.79074	-1.28163	0.595585	1.334503	1.483029	1.483029

Oneway Anova

Summary of Fit

Rsquare	0.845715
Adj Rsquare	0.820001
Root Mean Square Error	1.888874
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	586.71671	117.343	32.8891	<.0001 *
Error	30	107.03537	3.568		
C. Total	35	693.75208			

Means for Oneway Anova

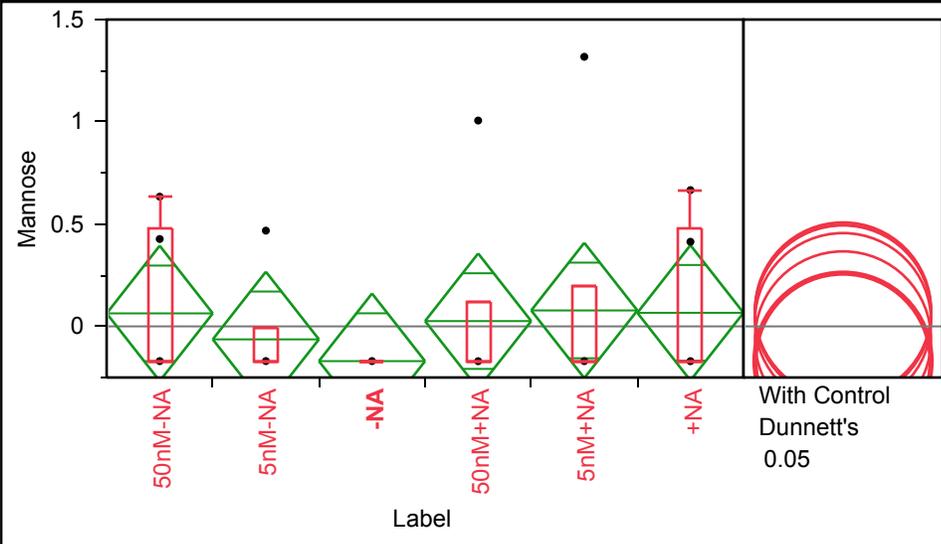
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-4.2693	0.77113	-5.844	-2.694
5nM-NA	6	3.6020	0.77113	2.027	5.177
-NA	6	-2.0577	0.77113	-3.633	-0.483
50nM+NA	6	-4.0232	0.77113	-5.598	-2.448
5nM+NA	6	6.7943	0.77113	5.219	8.369
+NA	6	-0.0461	0.77113	-1.621	1.529

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Mannose By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.17041	-0.17041	-0.17026	-0.1699	0.478864	0.634123	0.634123
5nM-NA	-0.17003	-0.17003	-0.16993	-0.16979	-0.0102	0.468043	0.468043
-NA	-0.17013	-0.17013	-0.17003	-0.16991	-0.1698	-0.16963	-0.16963
50nM+NA	-0.17039	-0.17039	-0.17031	-0.17019	0.123957	1.006217	1.006217
5nM+NA	-0.17051	-0.17051	-0.17037	-0.17011	0.202082	1.317954	1.317954
+NA	-0.17192	-0.17192	-0.17054	-0.17004	0.47675	0.666096	0.666096

Oneway Anova

Summary of Fit

Rsquare	0.057579
Adj Rsquare	-0.09949
Root Mean Square Error	0.3966
Mean of Response	2.778e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.2882985	0.057660	0.3666	0.8674
Error	30	4.7187391	0.157291		
C. Total	35	5.0070376			

Means for Oneway Anova

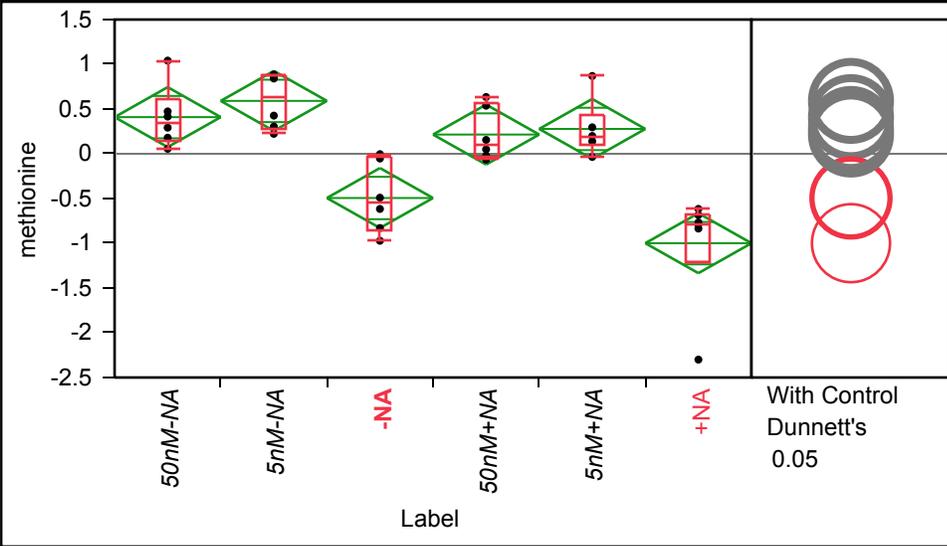
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.06347	0.16191	-0.2672	0.39414
5nM-NA	6	-0.06351	0.16191	-0.3942	0.26715
-NA	6	-0.16991	0.16191	-0.5006	0.16076
50nM+NA	6	0.02584	0.16191	-0.3048	0.35650
5nM+NA	6	0.07784	0.16191	-0.2528	0.40851
+NA	6	0.06628	0.16191	-0.2644	0.39694

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of methionine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.055737	0.055737	0.14861	0.353738	0.615322	1.041237	1.041237
5nM-NA	0.223117	0.223117	0.284309	0.633722	0.87051	0.885188	0.885188
-NA	-0.97198	-0.97198	-0.86514	-0.55337	-0.04063	-0.00402	-0.00402
50nM+NA	-0.06443	-0.06443	-0.03228	0.102113	0.56145	0.634411	0.634411
5nM+NA	-0.03542	-0.03542	0.095448	0.198481	0.439079	0.869414	0.869414
+NA	-2.30008	-2.30008	-1.20174	-0.77879	-0.66739	-0.61597	-0.61597

Oneway Anova

Summary of Fit

Rsquare	0.699934
Adj Rsquare	0.649923
Root Mean Square Error	0.401752
Mean of Response	5.56e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	11.294746	2.25895	13.9956	<.0001 *
Error	30	4.842135	0.16140		
C. Total	35	16.136881			

Means for Oneway Anova

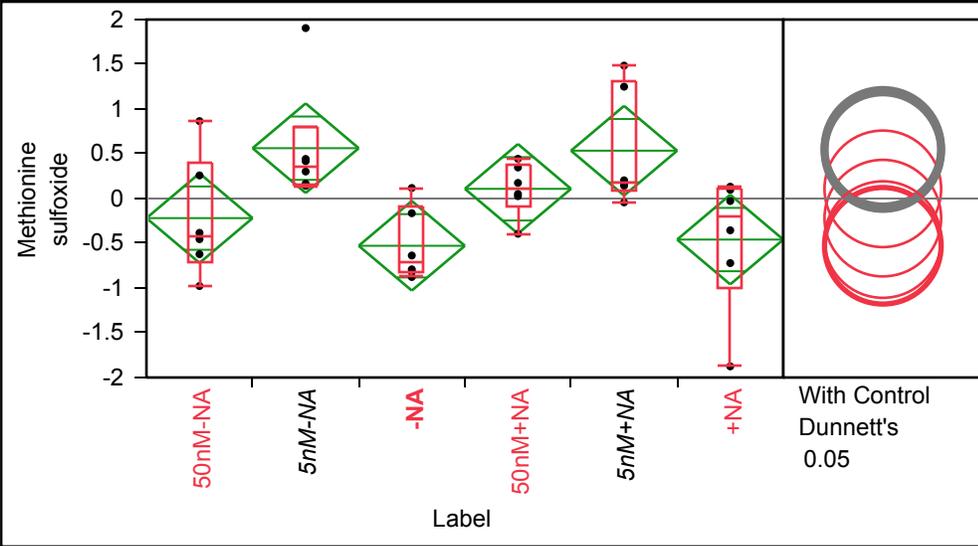
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.40956	0.16401	0.075	0.7445
5nM-NA	6	0.59101	0.16401	0.256	0.9260
-NA	6	-0.49418	0.16401	-0.829	-0.1592
50nM+NA	6	0.21496	0.16401	-0.120	0.5499
5nM+NA	6	0.27761	0.16401	-0.057	0.6126
+NA	6	-0.99896	0.16401	-1.334	-0.6640

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Methionine sulfoxide By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.97783	-0.97783	-0.71068	-0.41877	0.410022	0.865178	0.865178
5nM-NA	0.142539	0.142539	0.160503	0.359625	0.80791	1.904708	1.904708
-NA	-0.87712	-0.87712	-0.83225	-0.71403	-0.09353	0.117917	0.117917
50nM+NA	-0.39329	-0.39329	-0.07846	0.113	0.371247	0.444102	0.444102
5nM+NA	-0.04287	-0.04287	0.096199	0.186472	1.308613	1.485223	1.485223
+NA	-1.87567	-1.87567	-1.01012	-0.19157	0.105969	0.132121	0.132121

Oneway Anova

Summary of Fit

Rsquare	0.389818
Adj Rsquare	0.28812
Root Mean Square Error	0.600289
Mean of Response	8.33e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	6.906267	1.38125	3.8331	0.0084 *
Error	30	10.810398	0.36035		
C. Total	35	17.716665			

Means for Oneway Anova

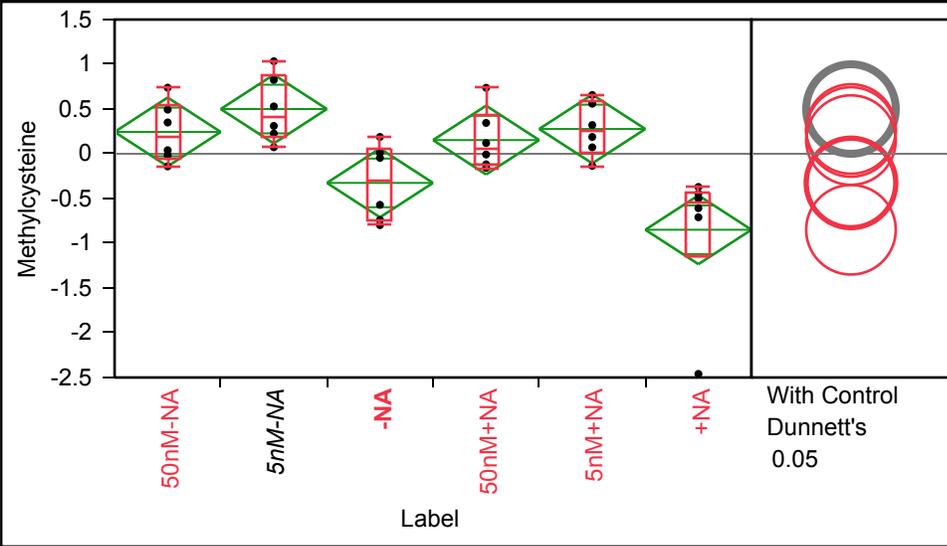
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.21892	0.24507	-0.719	0.282
5nM-NA	6	0.56255	0.24507	0.062	1.063
-NA	6	-0.52810	0.24507	-1.029	-0.028
50nM+NA	6	0.10837	0.24507	-0.392	0.609
5nM+NA	6	0.53460	0.24507	0.034	1.035
+NA	6	-0.45851	0.24507	-0.959	0.042

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Methycysteine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.14084	-0.14084	-0.04686	0.19482	0.554505	0.73839	0.73839
5nM-NA	0.072946	0.072946	0.187991	0.420278	0.877954	1.034341	1.034341
-NA	-0.79718	-0.79718	-0.75333	-0.30801	0.05539	0.188193	0.188193
50nM+NA	-0.15676	-0.15676	-0.12791	0.055993	0.442851	0.73727	0.73727
5nM+NA	-0.13498	-0.13498	0.020095	0.254518	0.583903	0.657002	0.657002
+NA	-2.45986	-2.45986	-1.14701	-0.55439	-0.42633	-0.37065	-0.37065

Oneway Anova

Summary of Fit

Rsquare	0.537806
Adj Rsquare	0.460773
Root Mean Square Error	0.460995
Mean of Response	-8.3e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	7.418486	1.48370	6.9816	0.0002 *
Error	30	6.375503	0.21252		
C. Total	35	13.793989			

Means for Oneway Anova

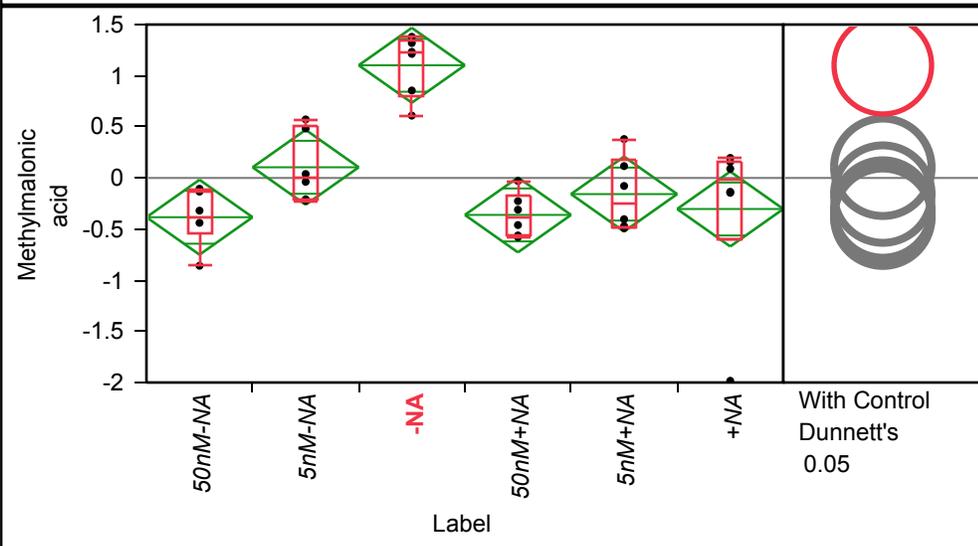
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.24414	0.18820	-0.140	0.6285
5nM-NA	6	0.50000	0.18820	0.116	0.8844
-NA	6	-0.32543	0.18820	-0.710	0.0589
50nM+NA	6	0.15315	0.18820	-0.231	0.5375
5nM+NA	6	0.27706	0.18820	-0.107	0.6614
+NA	6	-0.84893	0.18820	-1.233	-0.4646

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Methylmalonic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.85843	-0.85843	-0.55019	-0.37903	-0.12671	-0.10529	-0.10529
5nM-NA	-0.2219	-0.2219	-0.21164	0.000335	0.506098	0.572424	0.572424
-NA	0.609749	0.609749	0.793786	1.22333	1.334723	1.380203	1.380203
50nM+NA	-0.57936	-0.57936	-0.56634	-0.38539	-0.17706	-0.02955	-0.02955
5nM+NA	-0.49151	-0.49151	-0.47527	-0.24062	0.182129	0.38041	0.38041
+NA	-1.98319	-1.98319	-0.60477	-0.02267	0.166626	0.195816	0.195816

Oneway Anova

Summary of Fit

Rsquare	0.626877
Adj Rsquare	0.56469
Root Mean Square Error	0.439137
Mean of Response	-8.3e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.719703	1.94394	10.0805	<.0001 *
Error	30	5.785246	0.19284		
C. Total	35	15.504948			

Means for Oneway Anova

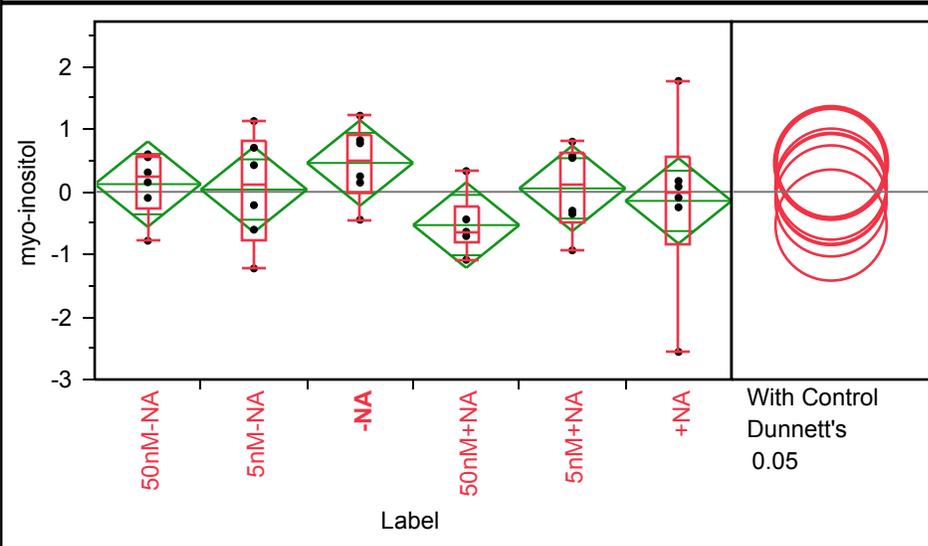
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.3838	0.17928	-0.7500	-0.018
5nM-NA	6	0.1045	0.17928	-0.2616	0.471
-NA	6	1.1019	0.17928	0.7358	1.468
50nM+NA	6	-0.3613	0.17928	-0.7275	0.00481
5nM+NA	6	-0.1577	0.17928	-0.5238	0.208
+NA	6	-0.3035	0.17928	-0.6697	0.063

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of myo-inositol By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.7816	-0.7816	-0.26809	0.231785	0.56512	0.600507	0.600507
5nM-NA	-1.2244	-1.2244	-0.76022	0.10684	0.811245	1.131279	1.131279
-NA	-0.44601	-0.44601	-0.00125	0.512243	0.924499	1.217106	1.217106
50nM+NA	-1.08706	-1.08706	-0.80202	-0.64355	-0.24748	0.331799	0.331799
5nM+NA	-0.93537	-0.93537	-0.49833	0.119787	0.633867	0.801669	0.801669
+NA	-2.55885	-2.55885	-0.82512	-0.00486	0.57355	1.772618	1.772618

Oneway Anova

Summary of Fit

Rsquare	0.13811
Adj Rsquare	-0.00554
Root Mean Square Error	0.818123
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	3.217596	0.643519	0.9614	0.4568
Error	30	20.079748	0.669325		
C. Total	35	23.297345			

Means for Oneway Anova

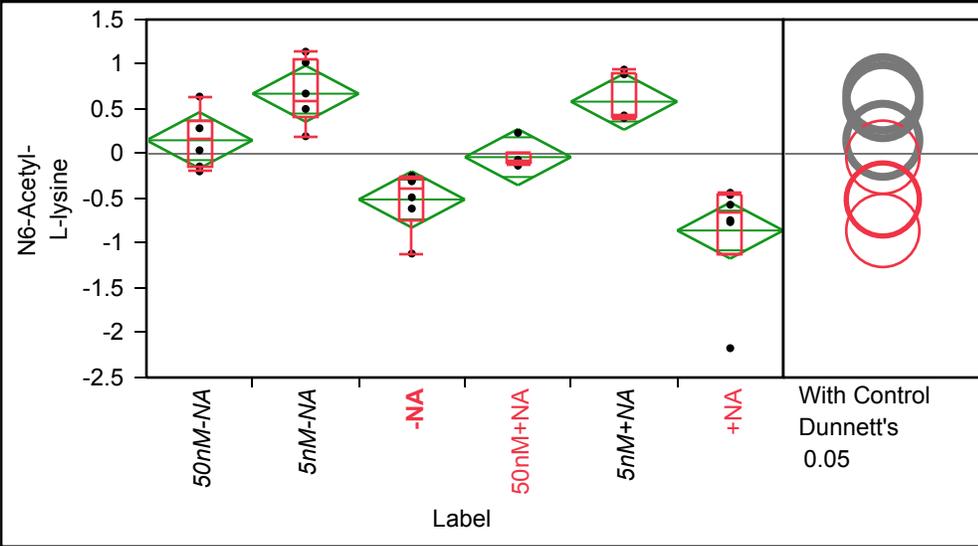
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.12315	0.33400	-0.559	0.8053
5nM-NA	6	0.03661	0.33400	-0.646	0.7187
-NA	6	0.46159	0.33400	-0.221	1.1437
50nM+NA	6	-0.53166	0.33400	-1.214	0.1505
5nM+NA	6	0.05519	0.33400	-0.627	0.7373
+NA	6	-0.14488	0.33400	-0.827	0.5372

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of N6-Acetyl-L-lysine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.1965	-0.1965	-0.15519	0.159107	0.374012	0.63945	0.63945
5nM-NA	0.195988	0.195988	0.421793	0.587098	1.0507	1.140843	1.140843
-NA	-1.11493	-1.11493	-0.7377	-0.39721	-0.28298	-0.24675	-0.24675
50nM+NA	-0.13275	-0.13275	-0.10762	-0.08031	0.008725	0.234295	0.234295
5nM+NA	0.399221	0.399221	0.410041	0.42688	0.901507	0.941211	0.941211
+NA	-2.17219	-2.17219	-1.11587	-0.65564	-0.45364	-0.43519	-0.43519

Oneway Anova

Summary of Fit

Rsquare	0.718822
Adj Rsquare	0.671959
Root Mean Square Error	0.376268
Mean of Response	2.47e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	10.858128	2.17163	15.3388	<.0001 *
Error	30	4.247319	0.14158		
C. Total	35	15.105447			

Means for Oneway Anova

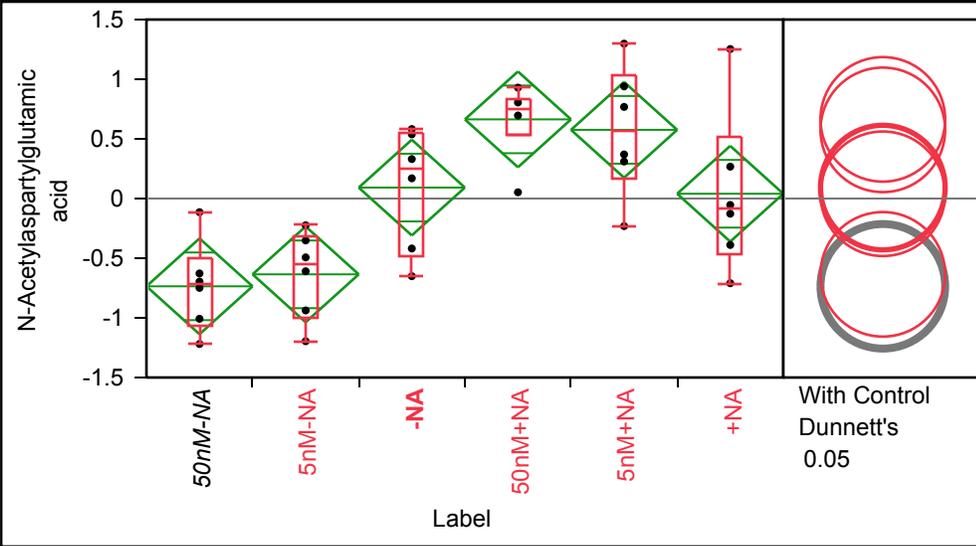
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.15088	0.15361	-0.163	0.4646
5nM-NA	6	0.67146	0.15361	0.358	0.9852
-NA	6	-0.51052	0.15361	-0.824	-0.1968
50nM+NA	6	-0.03746	0.15361	-0.351	0.2763
5nM+NA	6	0.58269	0.15361	0.269	0.8964
+NA	6	-0.85704	0.15361	-1.171	-0.5433

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of N-Acetylaspartylglutamic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.219	-1.219	-1.06054	-0.72239	-0.49955	-0.11446	-0.11446
5nM-NA	-1.19578	-1.19578	-1.00238	-0.55151	-0.3194	-0.22398	-0.22398
-NA	-0.65086	-0.65086	-0.47685	0.250233	0.54927	0.582236	0.582236
50nM+NA	0.052286	0.052286	0.53484	0.748972	0.836183	0.929371	0.929371
5nM+NA	-0.23105	-0.23105	0.174717	0.568565	1.029464	1.297836	1.297836
+NA	-0.70965	-0.70965	-0.46933	-0.09048	0.513631	1.25276	1.25276

Oneway Anova

Summary of Fit

Rsquare	0.598629
Adj Rsquare	0.531734
Root Mean Square Error	0.481138
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	10.357924	2.07158	8.9488	<.0001 *
Error	30	6.944823	0.23149		
C. Total	35	17.302748			

Means for Oneway Anova

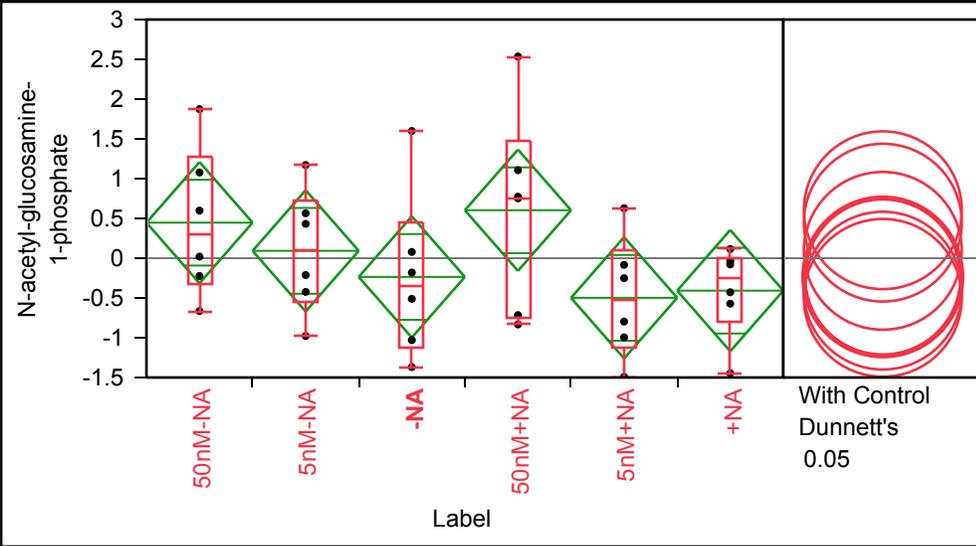
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.73564	0.19642	-1.137	-0.334
5nM-NA	6	-0.63532	0.19642	-1.036	-0.234
-NA	6	0.09188	0.19642	-0.309	0.493
50nM+NA	6	0.66340	0.19642	0.262	1.065
5nM+NA	6	0.57565	0.19642	0.174	0.977
+NA	6	0.04003	0.19642	-0.361	0.441

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of N-acetyl-glucosamine-1-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.66465	-0.66465	-0.33428	0.308593	1.276982	1.873894	1.873894
5nM-NA	-0.97775	-0.97775	-0.56208	0.110056	0.715893	1.170779	1.170779
-NA	-1.36827	-1.36827	-1.1146	-0.34609	0.458572	1.598815	1.598815
50nM+NA	-0.83275	-0.83275	-0.74528	0.762042	1.463448	2.535569	2.535569
5nM+NA	-1.49141	-1.49141	-1.11959	-0.52383	0.094202	0.62829	0.62829
+NA	-1.44612	-1.44612	-0.7906	-0.25355	0.000943	0.114674	0.114674

Oneway Anova

Summary of Fit

Rsquare	0.199509
Adj Rsquare	0.066094
Root Mean Square Error	0.914298
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	6.250319	1.25006	1.4954	0.2208
Error	30	25.078215	0.83594		
C. Total	35	31.328534			

Means for Oneway Anova

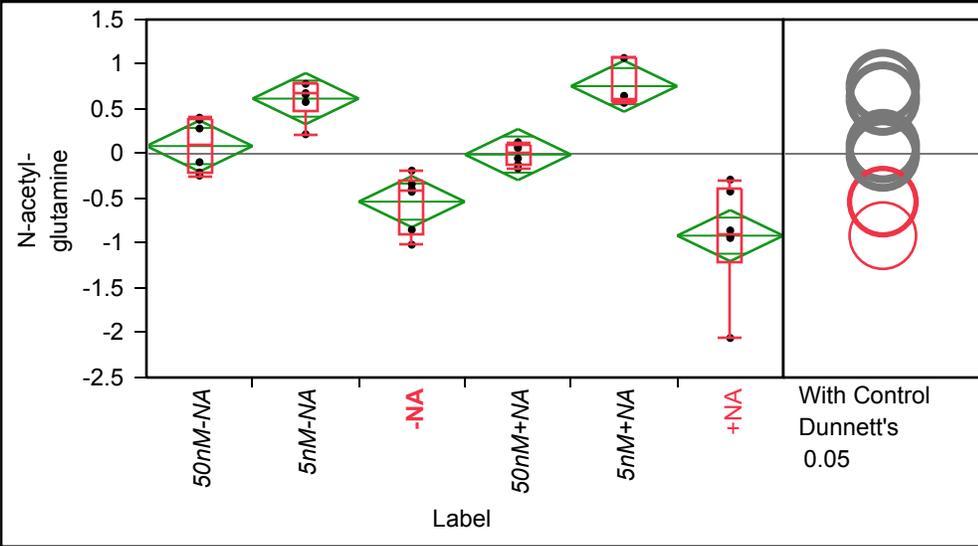
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.44671	0.37326	-0.316	1.2090
5nM-NA	6	0.09231	0.37326	-0.670	0.8546
-NA	6	-0.23553	0.37326	-0.998	0.5268
50nM+NA	6	0.60281	0.37326	-0.159	1.3651
5nM+NA	6	-0.49838	0.37326	-1.261	0.2639
+NA	6	-0.40793	0.37326	-1.170	0.3544

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of N-acetyl-glutamine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.24466	-0.24466	-0.21796	0.094377	0.385639	0.403666	0.403666
5nM-NA	0.217653	0.217653	0.488325	0.670034	0.781307	0.781409	0.781409
-NA	-1.01621	-1.01621	-0.89121	-0.40882	-0.30044	-0.18789	-0.18789
50nM+NA	-0.16298	-0.16298	-0.13086	0.005734	0.099365	0.129503	0.129503
5nM+NA	0.568824	0.568824	0.580297	0.621266	1.068584	1.070638	1.070638
+NA	-2.05865	-2.05865	-1.22058	-0.88926	-0.38859	-0.28907	-0.28907

Oneway Anova

Summary of Fit

Rsquare	0.780386
Adj Rsquare	0.743784
Root Mean Square Error	0.342295
Mean of Response	1.111e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	12.490286	2.49806	21.3207	<.0001 *
Error	30	3.514981	0.11717		
C. Total	35	16.005268			

Means for Oneway Anova

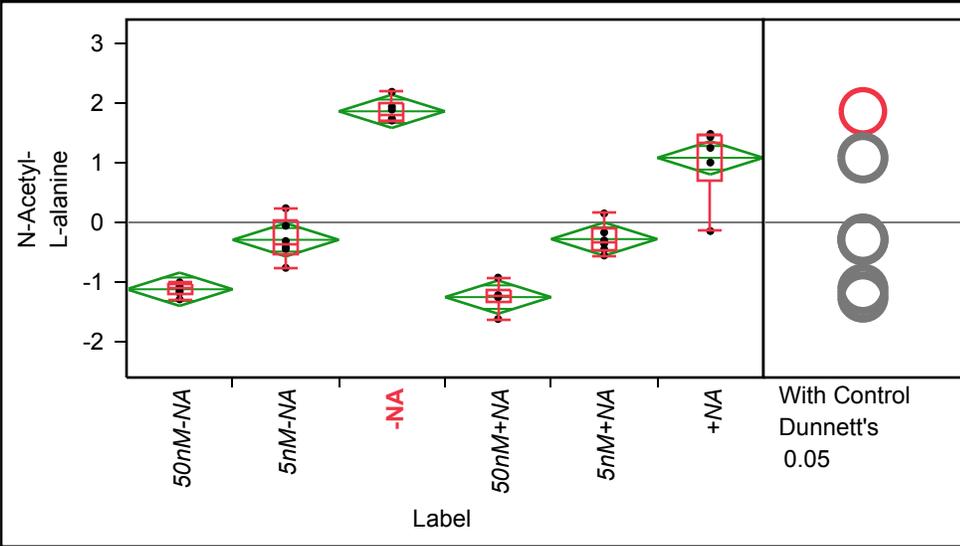
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.08639	0.13974	-0.199	0.372
5nM-NA	6	0.61649	0.13974	0.331	0.902
-NA	6	-0.53487	0.13974	-0.820	-0.249
50nM+NA	6	-0.00881	0.13974	-0.294	0.277
5nM+NA	6	0.75567	0.13974	0.470	1.041
+NA	6	-0.91487	0.13974	-1.200	-0.629

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of N-Acetyl-L-alanine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.29042	-1.29042	-1.20764	-1.11172	-1.02094	-1.0039	-1.0039
5nM-NA	-0.7615	-0.7615	-0.52435	-0.36236	0.016974	0.237483	0.237483
-NA	1.705468	1.705468	1.707203	1.815349	2.002501	2.188442	2.188442
50nM+NA	-1.61963	-1.61963	-1.34809	-1.24706	-1.14438	-0.92613	-0.92613
5nM+NA	-0.55485	-0.55485	-0.47564	-0.32805	-0.0887	0.150169	0.150169
+NA	-0.14537	-0.14537	0.716445	1.341311	1.474145	1.482768	1.482768

Oneway Anova

Summary of Fit

Rsquare	0.931693
Adj Rsquare	0.920308
Root Mean Square Error	0.334426
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	45.764548	9.15291	81.8385	<.0001 *
Error	30	3.355232	0.11184		
C. Total	35	49.119780			

Means for Oneway Anova

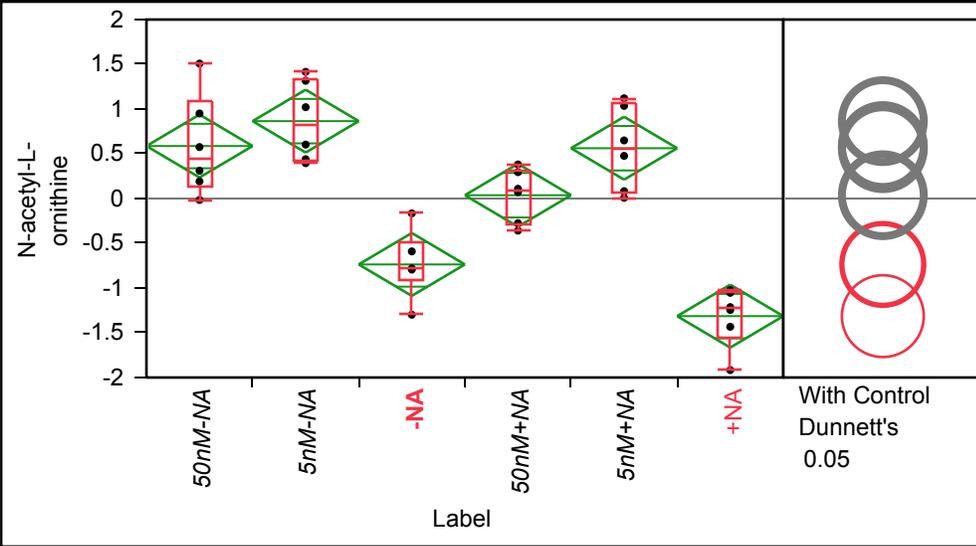
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.1207	0.13653	-1.400	-0.842
5nM-NA	6	-0.2918	0.13653	-0.571	-0.013
-NA	6	1.8622	0.13653	1.583	2.141
50nM+NA	6	-1.2524	0.13653	-1.531	-0.974
5nM+NA	6	-0.2797	0.13653	-0.559	-0.0009
+NA	6	1.0825	0.13653	0.804	1.361

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of N-acetyl-L-ornithine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.01583	-0.01583	0.139655	0.442901	1.089819	1.507972	1.507972
5nM-NA	0.39513	0.39513	0.428143	0.811869	1.340642	1.415675	1.415675
-NA	-1.29884	-1.29884	-0.9202	-0.78448	-0.48456	-0.16601	-0.16601
50nM+NA	-0.35832	-0.35832	-0.29619	0.090173	0.316032	0.380529	0.380529
5nM+NA	0.008275	0.008275	0.06399	0.563154	1.056605	1.12049	1.12049
+NA	-1.91711	-1.91711	-1.55409	-1.22931	-1.04597	-1.02265	-1.02265

Oneway Anova

Summary of Fit

Rsquare	0.805611
Adj Rsquare	0.773213
Root Mean Square Error	0.42136
Mean of Response	5.56e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	22.074050	4.41481	24.8660	<.0001 *
Error	30	5.326319	0.17754		
C. Total	35	27.400368			

Means for Oneway Anova

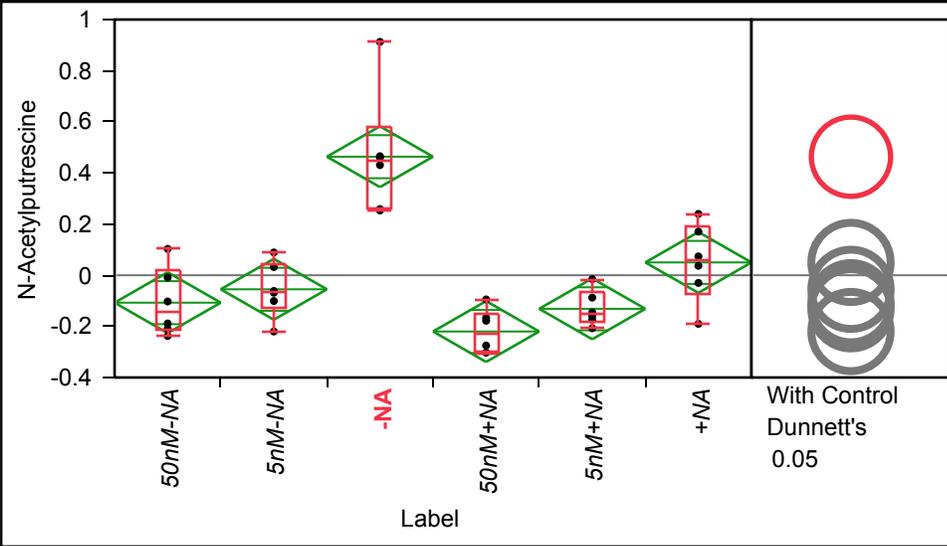
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.5866	0.17202	0.235	0.938
5nM-NA	6	0.8649	0.17202	0.514	1.216
-NA	6	-0.7364	0.17202	-1.088	-0.385
50nM+NA	6	0.0369	0.17202	-0.314	0.388
5nM+NA	6	0.5622	0.17202	0.211	0.913
+NA	6	-1.3142	0.17202	-1.666	-0.963

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of N-Acetylputrescine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.23748	-0.23748	-0.21664	-0.14566	0.019355	0.103052	0.103052
5nM-NA	-0.21999	-0.21999	-0.13068	-0.06502	0.046194	0.089047	0.089047
-NA	0.253256	0.253256	0.257317	0.445633	0.577363	0.912818	0.912818
50nM+NA	-0.30278	-0.30278	-0.3027	-0.22669	-0.1488	-0.09466	-0.09466
5nM+NA	-0.20716	-0.20716	-0.18224	-0.15215	-0.06937	-0.01524	-0.01524
+NA	-0.19003	-0.19003	-0.07003	0.055242	0.187966	0.239648	0.239648

Oneway Anova

Summary of Fit

Rsquare	0.744998
Adj Rsquare	0.702498
Root Mean Square Error	0.142746
Mean of Response	-1.1e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	1.7859141	0.357183	17.5293	<.0001 *
Error	30	0.6112913	0.020376		
C. Total	35	2.3972054			

Means for Oneway Anova

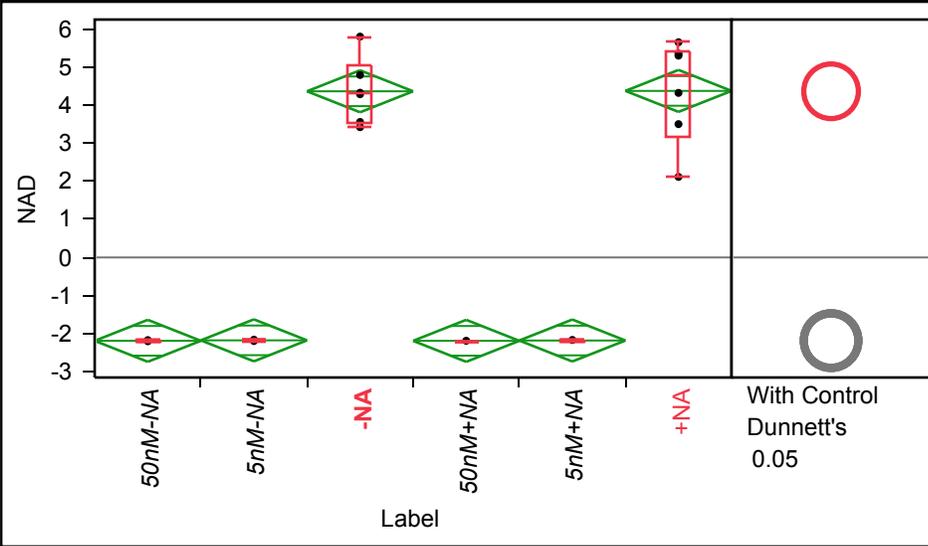
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.10733	0.05828	-0.2263	0.0117
5nM-NA	6	-0.05500	0.05828	-0.1740	0.0640
-NA	6	0.46359	0.05828	0.3446	0.5826
50nM+NA	6	-0.22006	0.05828	-0.3391	-0.1010
5nM+NA	6	-0.13134	0.05828	-0.2504	-0.0123
+NA	6	0.05014	0.05828	-0.0689	0.1692

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of NAD By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.20143	-2.20143	-2.19685	-2.19217	-2.18349	-2.17179	-2.17179
5nM-NA	-2.19576	-2.19576	-2.18665	-2.17684	-2.17058	-2.16045	-2.16045
-NA	3.422451	3.422451	3.524903	4.307548	5.045661	5.801577	5.801577
50nM+NA	-2.19131	-2.19131	-2.19124	-2.19079	-2.18988	-2.18876	-2.18876
5nM+NA	-2.19002	-2.19002	-2.18773	-2.18421	-2.1776	-2.16768	-2.16768
+NA	2.117008	2.117008	3.155877	4.813003	5.429035	5.653624	5.653624

Oneway Anova

Summary of Fit

Rsquare	0.963266
Adj Rsquare	0.957143
Root Mean Square Error	0.661089
Mean of Response	-2.78e-8
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	343.80869	68.7617	157.3356	<.0001 *
Error	30	13.11116	0.4370		
C. Total	35	356.91985			

Means for Oneway Anova

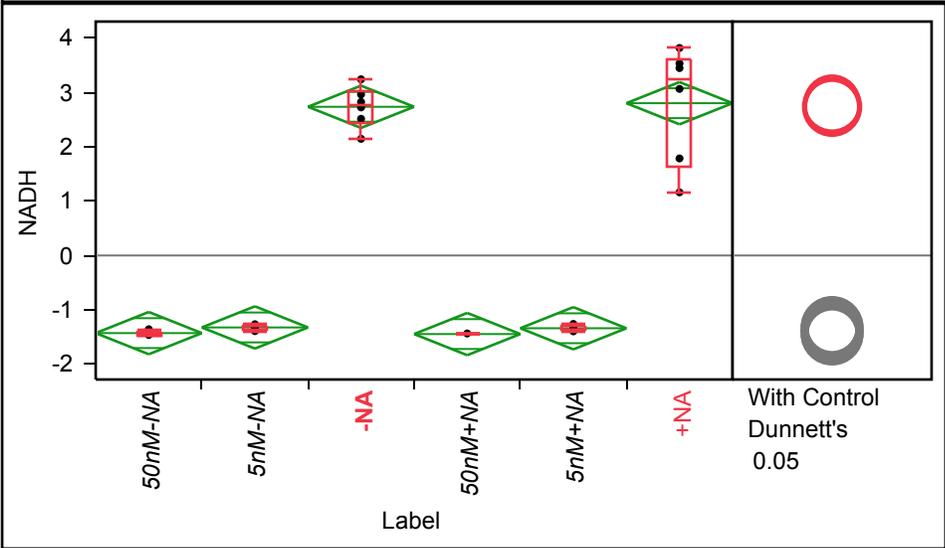
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-2.1900	0.26989	-2.741	-1.639
5nM-NA	6	-2.1779	0.26989	-2.729	-1.627
-NA	6	4.3653	0.26989	3.814	4.916
50nM+NA	6	-2.1905	0.26989	-2.742	-1.639
5nM+NA	6	-2.1823	0.26989	-2.734	-1.631
+NA	6	4.3755	0.26989	3.824	4.927

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of NADH By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.46195	-1.46195	-1.46149	-1.43946	-1.3925	-1.35619	-1.35619
5nM-NA	-1.39043	-1.39043	-1.37456	-1.30916	-1.2882	-1.26429	-1.26429
-NA	2.14431	2.14431	2.420294	2.77214	3.02977	3.238229	3.238229
50nM+NA	-1.45087	-1.45087	-1.44879	-1.4468	-1.439	-1.43396	-1.43396
5nM+NA	-1.39448	-1.39448	-1.38389	-1.34903	-1.28623	-1.25871	-1.25871
+NA	1.160839	1.160839	1.628253	3.253598	3.601238	3.813845	3.813845

Oneway Anova

Summary of Fit

Rsquare	0.9549
Adj Rsquare	0.947383
Root Mean Square Error	0.465818
Mean of Response	1.97e-16
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	137.82562	27.5651	127.0364	<.0001 *
Error	30	6.50958	0.2170		
C. Total	35	144.33520			

Means for Oneway Anova

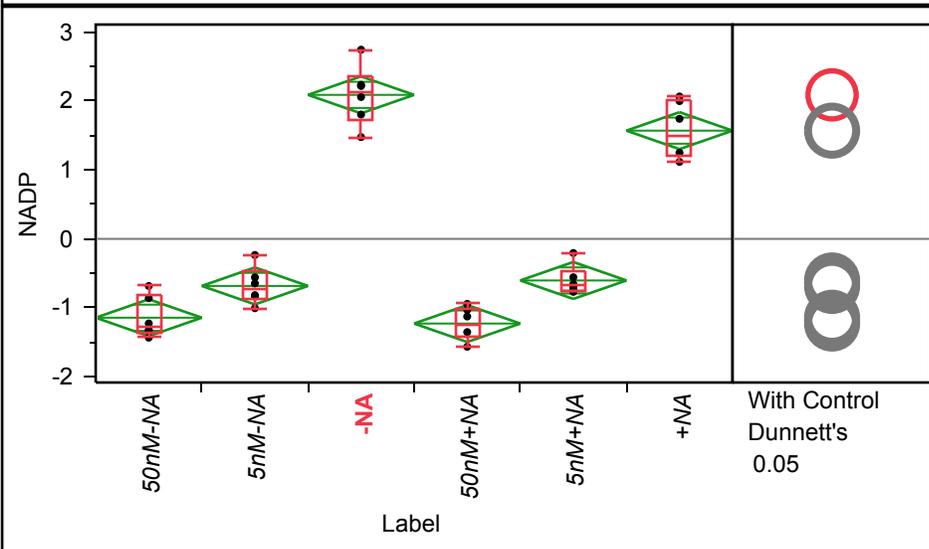
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.4272	0.19017	-1.816	-1.039
5nM-NA	6	-1.3231	0.19017	-1.711	-0.935
-NA	6	2.7332	0.19017	2.345	3.122
50nM+NA	6	-1.4445	0.19017	-1.833	-1.056
5nM+NA	6	-1.3378	0.19017	-1.726	-0.949
+NA	6	2.7994	0.19017	2.411	3.188

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of NADP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.4339	-1.4339	-1.362	-1.27532	-0.81682	-0.68454	-0.68454
5nM-NA	-1.0064	-1.0064	-0.87989	-0.73197	-0.47723	-0.23394	-0.23394
-NA	1.477346	1.477346	1.722864	2.139119	2.36285	2.746087	2.746087
50nM+NA	-1.56628	-1.56628	-1.40695	-1.24027	-1.00906	-0.94418	-0.94418
5nM+NA	-0.76877	-0.76877	-0.74466	-0.67748	-0.46944	-0.20514	-0.20514
+NA	1.118233	1.118233	1.215428	1.49641	2.016624	2.066547	2.066547

Oneway Anova

Summary of Fit

Rsquare	0.952949
Adj Rsquare	0.945108
Root Mean Square Error	0.321845
Mean of Response	-8.33e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	62.939003	12.5878	121.5221	<.0001 *
Error	30	3.107534	0.1036		
C. Total	35	66.046537			

Means for Oneway Anova

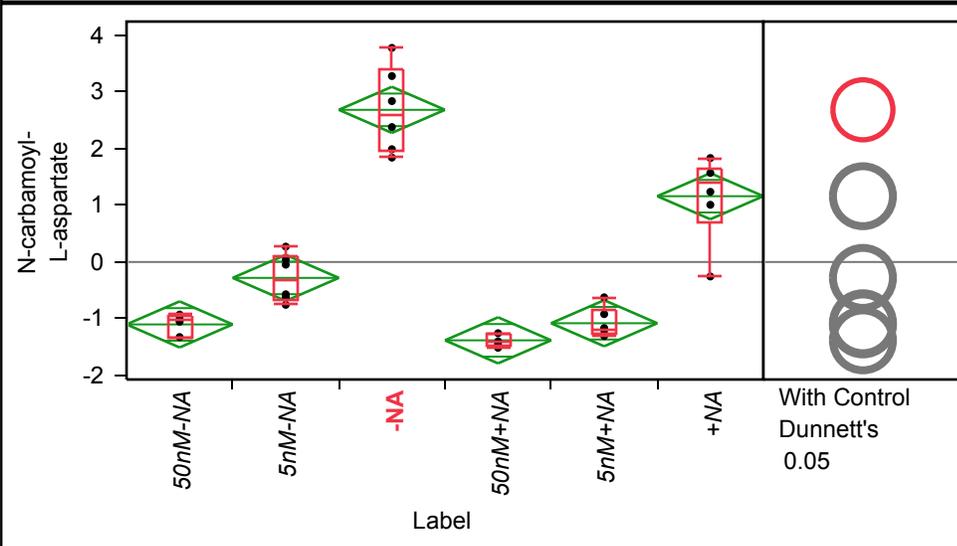
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.1447	0.13139	-1.413	-0.876
5nM-NA	6	-0.6834	0.13139	-0.952	-0.415
-NA	6	2.0902	0.13139	1.822	2.359
50nM+NA	6	-1.2293	0.13139	-1.498	-0.961
5nM+NA	6	-0.6038	0.13139	-0.872	-0.335
+NA	6	1.5709	0.13139	1.303	1.839

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of N-carbamoyl-L-aspartate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.32824	-1.32824	-1.32324	-1.03294	-0.94752	-0.92624	-0.92624
5nM-NA	-0.75415	-0.75415	-0.65472	-0.30791	0.098687	0.270195	0.270195
-NA	1.837594	1.837594	1.94864	2.603852	3.397625	3.769718	3.769718
50nM+NA	-1.511	-1.511	-1.46231	-1.40188	-1.25984	-1.25395	-1.25395
5nM+NA	-1.30283	-1.30283	-1.27853	-1.1786	-0.84411	-0.62212	-0.62212
+NA	-0.25515	-0.25515	0.691355	1.399701	1.633619	1.830179	1.830179

Oneway Anova

Summary of Fit

Rsquare	0.915808
Adj Rsquare	0.901776
Root Mean Square Error	0.486483
Mean of Response	-7.4e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	77.230605	15.4461	65.2657	<.0001 *
Error	30	7.099960	0.2367		
C. Total	35	84.330566			

Means for Oneway Anova

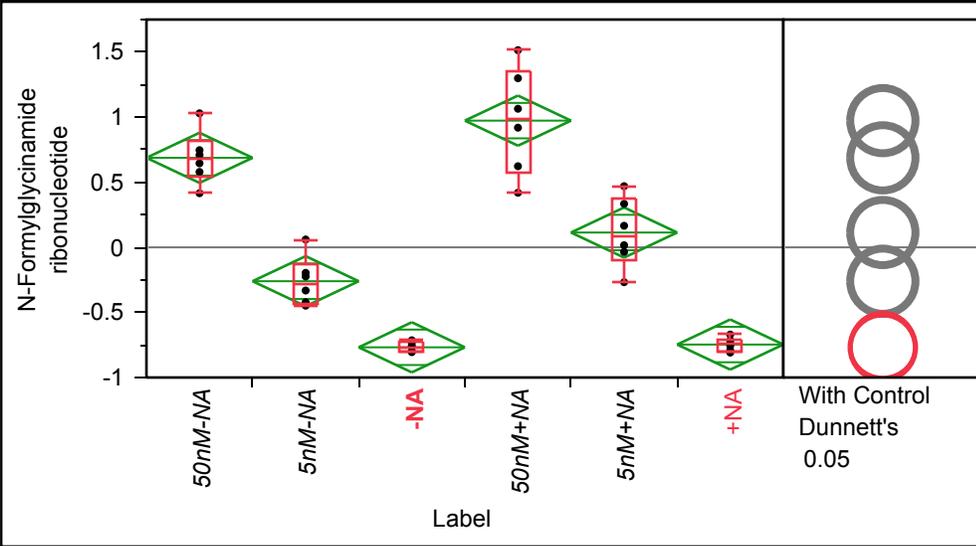
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.0994	0.19861	-1.505	-0.694
5nM-NA	6	-0.2800	0.19861	-0.686	0.126
-NA	6	2.6790	0.19861	2.273	3.085
50nM+NA	6	-1.3794	0.19861	-1.785	-0.974
5nM+NA	6	-1.0784	0.19861	-1.484	-0.673
+NA	6	1.1582	0.19861	0.753	1.564

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of N-Formylglycinamide ribonucleotide By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.41588	0.41588	0.53836	0.67752	0.817303	1.029653	1.029653
5nM-NA	-0.44818	-0.44818	-0.42834	-0.27781	-0.13183	0.060256	0.060256
-NA	-0.80729	-0.80729	-0.80574	-0.77581	-0.72605	-0.71407	-0.71407
50nM+NA	0.419433	0.419433	0.572236	0.992035	1.353033	1.514853	1.514853
5nM+NA	-0.26775	-0.26775	-0.09336	0.090977	0.368204	0.46999	0.46999
+NA	-0.80846	-0.80846	-0.79479	-0.74791	-0.70452	-0.6703	-0.6703

Oneway Anova

Summary of Fit

Rsquare	0.908566
Adj Rsquare	0.893328
Root Mean Square Error	0.230894
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	15.892695	3.17854	59.6214	<.0001 *
Error	30	1.599361	0.05331		
C. Total	35	17.492055			

Means for Oneway Anova

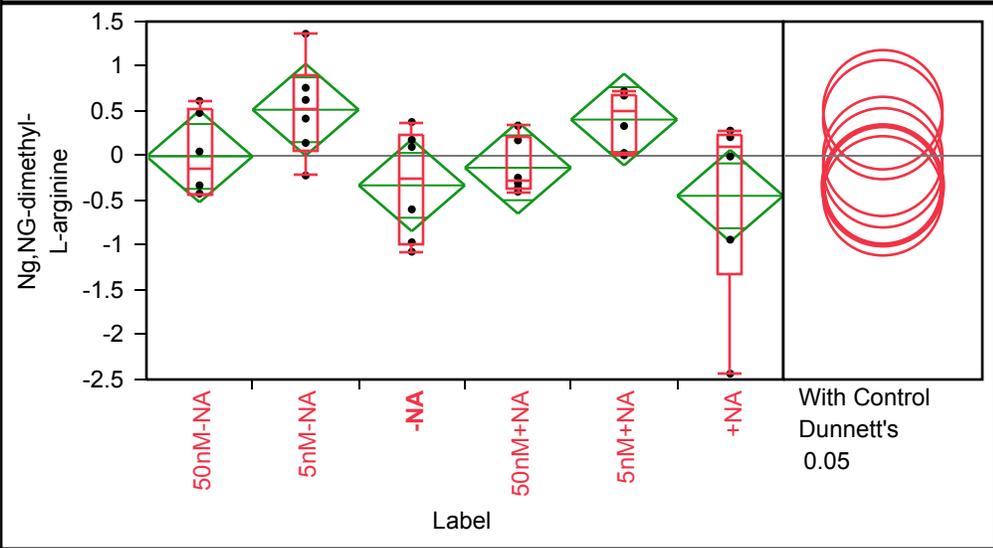
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.68771	0.09426	0.4952	0.880
5nM-NA	6	-0.26019	0.09426	-0.4527	-0.068
-NA	6	-0.76804	0.09426	-0.9606	-0.576
50nM+NA	6	0.97344	0.09426	0.7809	1.166
5nM+NA	6	0.11387	0.09426	-0.0786	0.306
+NA	6	-0.74679	0.09426	-0.9393	-0.554

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Ng,NG-dimethyl-L-arginine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.43008	-0.43008	-0.42427	-0.14138	0.512049	0.613396	0.613396
5nM-NA	-0.21992	-0.21992	0.052959	0.52001	0.910874	1.363612	1.363612
-NA	-1.07182	-1.07182	-0.99283	-0.25005	0.228126	0.377531	0.377531
50nM+NA	-0.40148	-0.40148	-0.36896	-0.27618	0.213151	0.333683	0.333683
5nM+NA	0.005081	0.005081	0.025302	0.497443	0.685426	0.723487	0.723487
+NA	-2.43449	-2.43449	-1.31168	0.099134	0.226165	0.28148	0.28148

Oneway Anova

Summary of Fit

Rsquare	0.286088
Adj Rsquare	0.167102
Root Mean Square Error	0.614263
Mean of Response	2.78e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.536113	0.907223	2.4044	0.0601
Error	30	11.319556	0.377319		
C. Total	35	15.855669			

Means for Oneway Anova

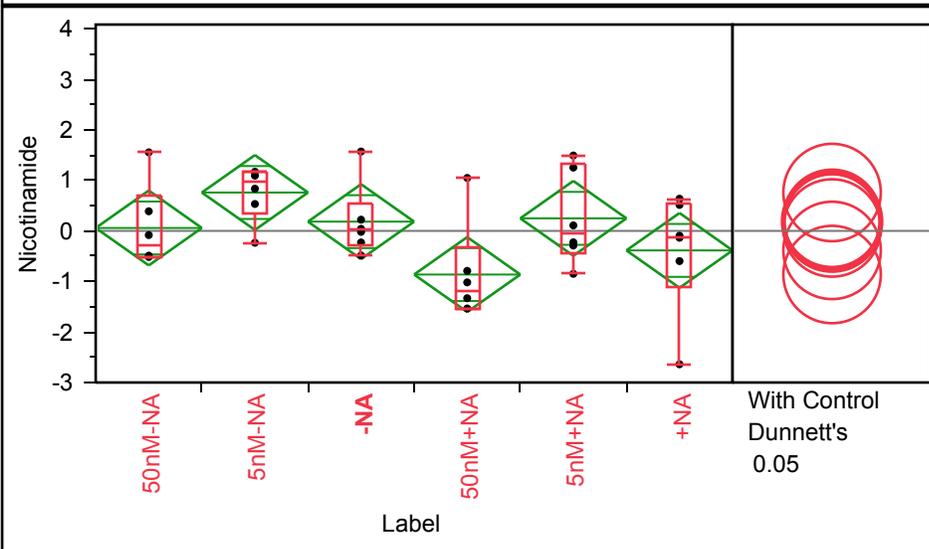
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.00725	0.25077	-0.5194	0.5049
5nM-NA	6	0.51460	0.25077	0.0025	1.0267
-NA	6	-0.33043	0.25077	-0.8426	0.1817
50nM+NA	6	-0.13422	0.25077	-0.6464	0.3779
5nM+NA	6	0.40471	0.25077	-0.1074	0.9168
+NA	6	-0.44740	0.25077	-0.9595	0.0647

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Nicotinamide By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.51632	-0.51632	-0.50968	-0.28593	0.679843	1.555235	1.555235
5nM-NA	-0.23445	-0.23445	0.340704	0.964811	1.161922	1.171148	1.171148
-NA	-0.48564	-0.48564	-0.29321	0.011468	0.559331	1.570586	1.570586
50nM+NA	-1.55211	-1.55211	-1.53951	-1.17506	-0.33143	1.047969	1.047969
5nM+NA	-0.84899	-0.84899	-0.42959	-0.05838	1.31304	1.492062	1.492062
+NA	-2.63956	-2.63956	-1.10783	-0.11501	0.54515	0.636875	0.636875

Oneway Anova

Summary of Fit

Rsquare	0.284782
Adj Rsquare	0.165579
Root Mean Square Error	0.888079
Mean of Response	1.23e-17
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.421021	1.88420	2.3890	0.0614
Error	30	23.660545	0.78868		
C. Total	35	33.081566			

Means for Oneway Anova

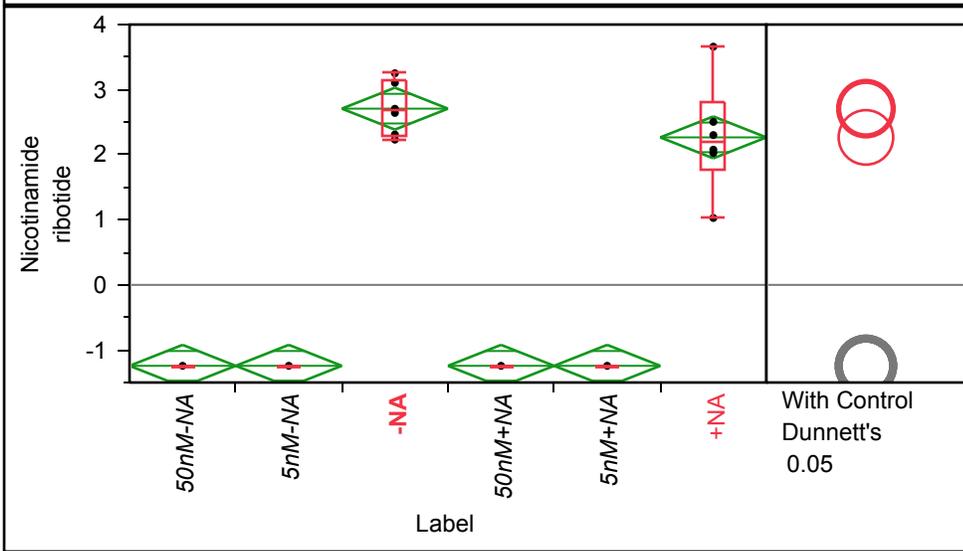
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.05794	0.36256	-0.683	0.798
5nM-NA	6	0.75960	0.36256	0.019	1.500
-NA	6	0.18351	0.36256	-0.557	0.924
50nM+NA	6	-0.86346	0.36256	-1.604	-0.123
5nM+NA	6	0.24831	0.36256	-0.492	0.989
+NA	6	-0.38590	0.36256	-1.126	0.355

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Nicotinamide ribotide By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.24358	-1.24358	-1.24356	-1.24354	-1.24349	-1.24344	-1.24344
5nM-NA	-1.24357	-1.24357	-1.24352	-1.24347	-1.24343	-1.24341	-1.24341
-NA	2.231892	2.231892	2.290642	2.67388	3.141905	3.25152	3.25152
50nM+NA	-1.24357	-1.24357	-1.24356	-1.24355	-1.24352	-1.24352	-1.24352
5nM+NA	-1.2436	-1.2436	-1.24358	-1.24354	-1.24349	-1.24347	-1.24347
+NA	1.028179	1.028179	1.776601	2.18939	2.793607	3.659868	3.659868

Oneway Anova

Summary of Fit

Rsquare	0.961602
Adj Rsquare	0.955202
Root Mean Square Error	0.385971
Mean of Response	-2.78e-8
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	111.92166	22.3843	150.2574	<.0001 *
Error	30	4.46920	0.1490		
C. Total	35	116.39086			

Means for Oneway Anova

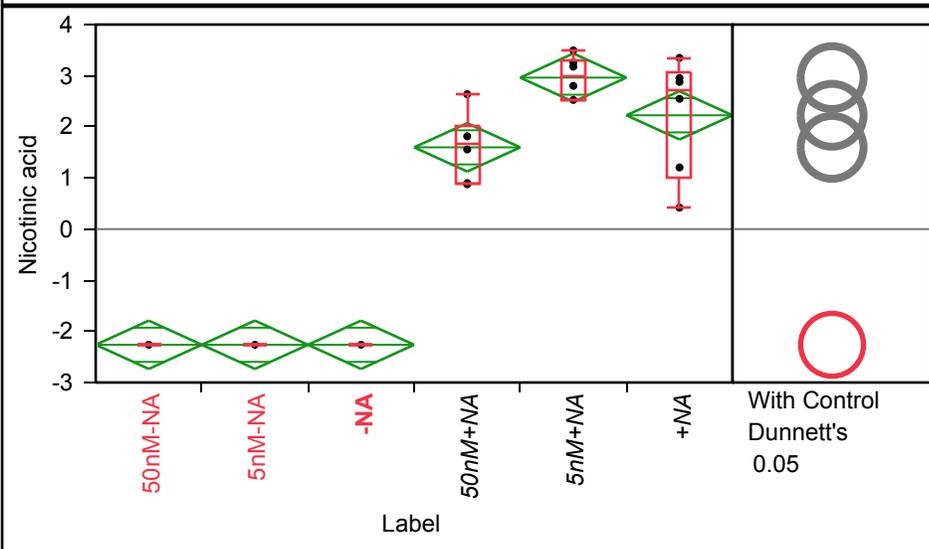
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.2435	0.15757	-1.565	-0.922
5nM-NA	6	-1.2435	0.15757	-1.565	-0.922
-NA	6	2.7078	0.15757	2.386	3.030
50nM+NA	6	-1.2435	0.15757	-1.565	-0.922
5nM+NA	6	-1.2435	0.15757	-1.565	-0.922
+NA	6	2.2663	0.15757	1.944	2.588

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Nicotinic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.26218	-2.26218	-2.26217	-2.26215	-2.26211	-2.26207	-2.26207
5nM-NA	-2.26218	-2.26218	-2.26213	-2.2621	-2.26206	-2.26205	-2.26205
-NA	-2.26214	-2.26214	-2.26212	-2.2621	-2.26208	-2.26206	-2.26206
50nM+NA	0.87653	0.87653	0.894293	1.68106	2.021086	2.637433	2.637433
5nM+NA	2.515783	2.515783	2.523405	2.988662	3.318307	3.494872	3.494872
+NA	0.419808	0.419808	1.009014	2.713184	3.051871	3.347998	3.347998

Oneway Anova

Summary of Fit

Rsquare	0.951694
Adj Rsquare	0.943643
Root Mean Square Error	0.566692
Mean of Response	-1.39e-8
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	189.80795	37.9616	118.2088	<.0001 *
Error	30	9.63420	0.3211		
C. Total	35	199.44216			

Means for Oneway Anova

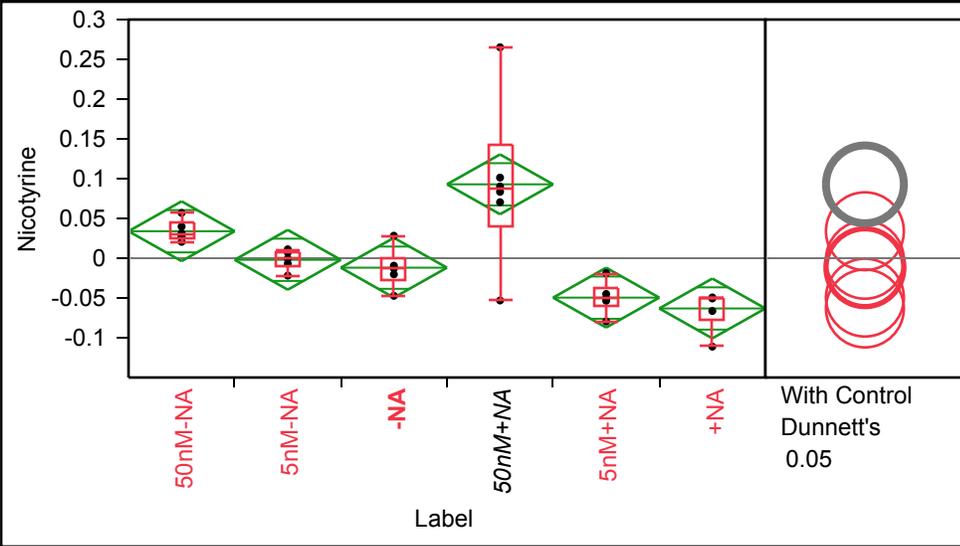
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-2.2621	0.23135	-2.735	-1.790
5nM-NA	6	-2.2621	0.23135	-2.735	-1.790
-NA	6	-2.2621	0.23135	-2.735	-1.790
50nM+NA	6	1.5987	0.23135	1.126	2.071
5nM+NA	6	2.9622	0.23135	2.490	3.435
+NA	6	2.2255	0.23135	1.753	2.698

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Nicotyrine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.020548	0.020548	0.024921	0.02988	0.044095	0.056877	0.056877
5nM-NA	-0.02192	-0.02192	-0.01062	-0.00084	0.00816	0.01114	0.01114
-NA	-0.0473	-0.0473	-0.02706	-0.01146	2.938e-5	0.028264	0.028264
50nM+NA	-0.05314	-0.05314	0.039472	0.086759	0.142246	0.265133	0.265133
5nM+NA	-0.07952	-0.07952	-0.06003	-0.05033	-0.03845	-0.01878	-0.01878
+NA	-0.11118	-0.11118	-0.07758	-0.05116	-0.04986	-0.04933	-0.04933

Oneway Anova

Summary of Fit

Rsquare	0.616981
Adj Rsquare	0.553145
Root Mean Square Error	0.045086
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.09823175	0.019646	9.6650	<.0001 *
Error	30	0.06098181	0.002033		
C. Total	35	0.15921356			

Means for Oneway Anova

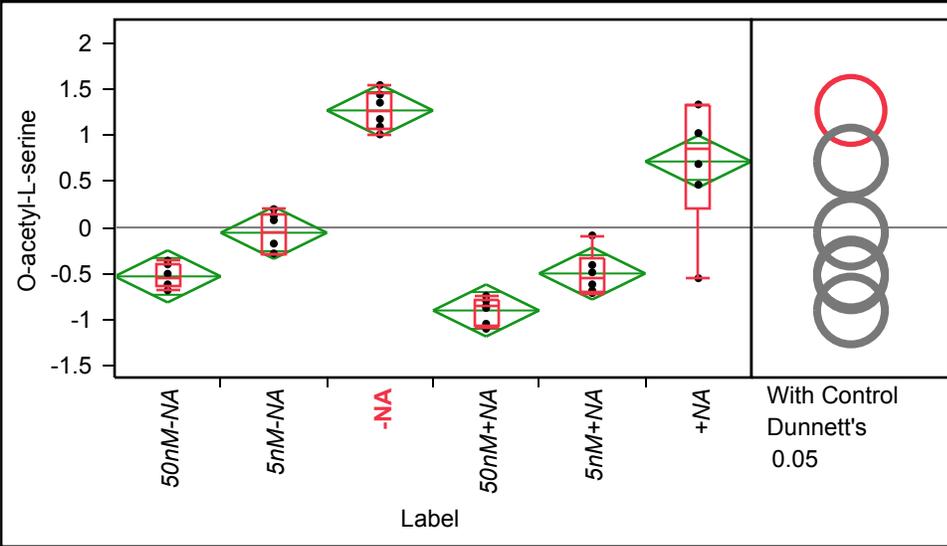
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.03390	0.01841	-0.0037	0.0715
5nM-NA	6	-0.00202	0.01841	-0.0396	0.0356
-NA	6	-0.01194	0.01841	-0.0495	0.0257
50nM+NA	6	0.09286	0.01841	0.0553	0.1304
5nM+NA	6	-0.04958	0.01841	-0.0872	-0.0120
+NA	6	-0.06321	0.01841	-0.1008	-0.0256

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of O-acetyl-L-serine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.68063	-0.68063	-0.63676	-0.55844	-0.38893	-0.35904	-0.35904
5nM-NA	-0.2897	-0.2897	-0.28344	-0.04786	0.145303	0.198979	0.198979
-NA	1.008457	1.008457	1.070962	1.263285	1.465169	1.542661	1.542661
50nM+NA	-1.09704	-1.09704	-1.05649	-0.85992	-0.77944	-0.74117	-0.74117
5nM+NA	-0.71041	-0.71041	-0.69016	-0.55103	-0.326	-0.08594	-0.08594
+NA	-0.54943	-0.54943	0.210541	0.8553	1.332379	1.332959	1.332959

Oneway Anova

Summary of Fit

Rsquare	0.858081
Adj Rsquare	0.834428
Root Mean Square Error	0.33826
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	20.754450	4.15089	36.2778	<.0001 *
Error	30	3.432591	0.11442		
C. Total	35	24.187041			

Means for Oneway Anova

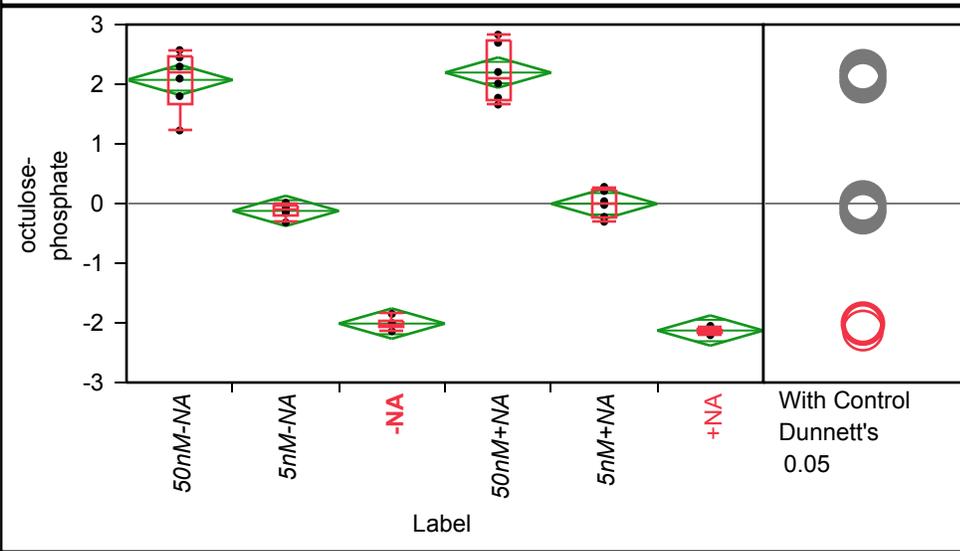
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.5296	0.13809	-0.812	-0.248
5nM-NA	6	-0.0567	0.13809	-0.339	0.225
-NA	6	1.2681	0.13809	0.986	1.550
50nM+NA	6	-0.8989	0.13809	-1.181	-0.617
5nM+NA	6	-0.4980	0.13809	-0.780	-0.216
+NA	6	0.7150	0.13809	0.433	0.997

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of octulose-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	1.224747	1.224747	1.656478	2.195423	2.479337	2.571939	2.571939
5nM-NA	-0.31623	-0.31623	-0.19785	-0.1054	-0.0486	0.013375	0.013375
-NA	-2.14056	-2.14056	-2.07016	-2.01719	-1.96387	-1.84932	-1.84932
50nM+NA	1.658176	1.658176	1.74415	2.108096	2.728821	2.831246	2.831246
5nM+NA	-0.30502	-0.30502	-0.24323	0.007717	0.227063	0.279156	0.279156
+NA	-2.20626	-2.20626	-2.17492	-2.12687	-2.08469	-2.05167	-2.05167

Oneway Anova

Summary of Fit

Rsquare	0.974546
Adj Rsquare	0.970304
Root Mean Square Error	0.304174
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	106.27025	21.2540	229.7195	<.0001 *
Error	30	2.77565	0.0925		
C. Total	35	109.04590			

Means for Oneway Anova

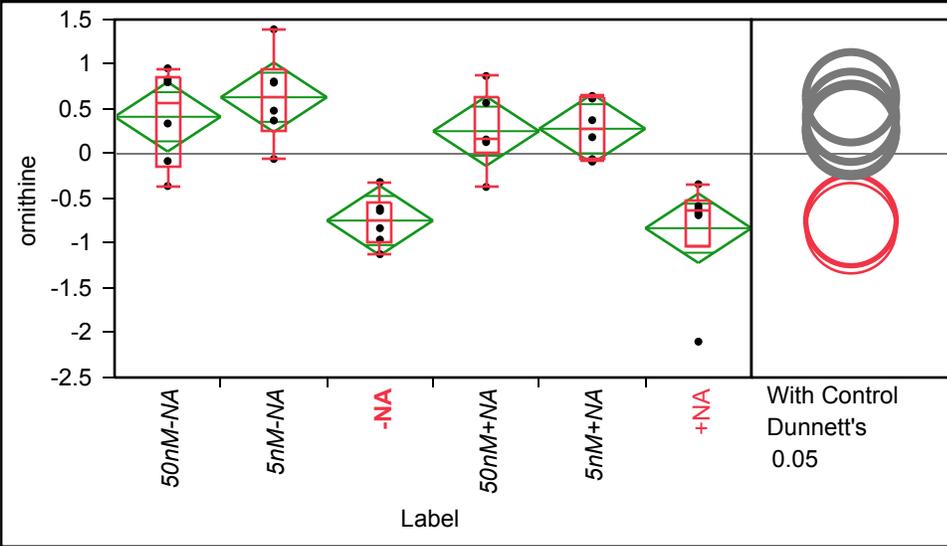
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	2.0727	0.12418	1.819	2.326
5nM-NA	6	-0.1236	0.12418	-0.377	0.130
-NA	6	-2.0122	0.12418	-2.266	-1.759
50nM+NA	6	2.1955	0.12418	1.942	2.449
5nM+NA	6	-0.0039	0.12418	-0.257	0.250
+NA	6	-2.1286	0.12418	-2.382	-1.875

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of ornithine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.36028	-0.36028	-0.15084	0.56858	0.86184	0.954999	0.954999
5nM-NA	-0.05774	-0.05774	0.264364	0.638646	0.953364	1.390956	1.390956
-NA	-1.12187	-1.12187	-0.99983	-0.7344	-0.53732	-0.31567	-0.31567
50nM+NA	-0.37021	-0.37021	0.005487	0.158533	0.644164	0.869162	0.869162
5nM+NA	-0.08753	-0.08753	-0.06607	0.280442	0.624445	0.646662	0.646662
+NA	-2.09943	-2.09943	-1.03962	-0.63985	-0.52254	-0.3398	-0.3398

Oneway Anova

Summary of Fit

Rsquare	0.644171
Adj Rsquare	0.584866
Root Mean Square Error	0.465342
Mean of Response	-1.11e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	11.760472	2.35209	10.8620	<.0001 *
Error	30	6.496289	0.21654		
C. Total	35	18.256761			

Means for Oneway Anova

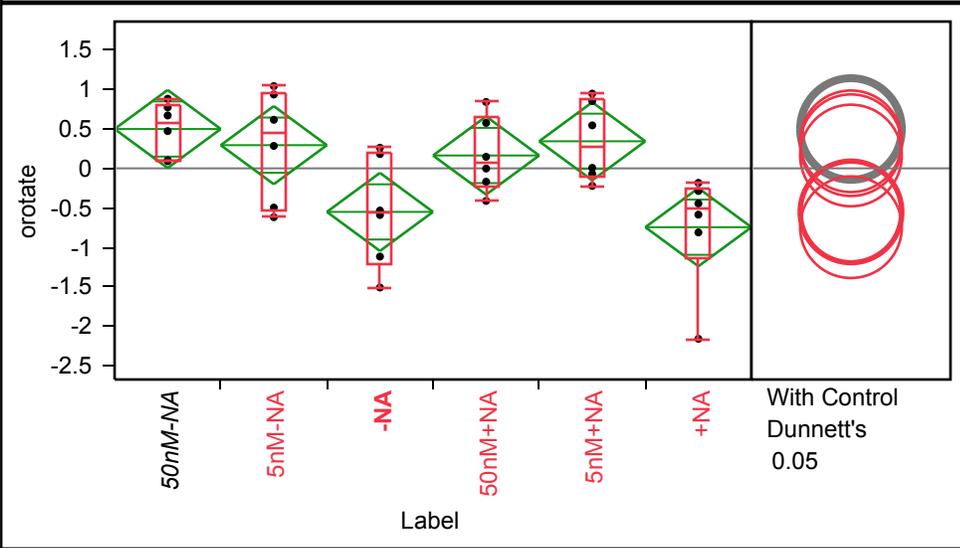
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.41361	0.18997	0.026	0.802
5nM-NA	6	0.63162	0.18997	0.244	1.020
-NA	6	-0.74612	0.18997	-1.134	-0.358
50nM+NA	6	0.25265	0.18997	-0.135	0.641
5nM+NA	6	0.27969	0.18997	-0.108	0.668
+NA	6	-0.83145	0.18997	-1.219	-0.443

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of orotate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.090386	0.090386	0.10034	0.569662	0.797848	0.879819	0.879819
5nM-NA	-0.6171	-0.6171	-0.5263	0.448569	0.95975	1.039757	1.039757
-NA	-1.50686	-1.50686	-1.21329	-0.56146	0.200992	0.260315	0.260315
50nM+NA	-0.41159	-0.41159	-0.22978	0.071532	0.640088	0.838755	0.838755
5nM+NA	-0.22167	-0.22167	-0.10832	0.274714	0.874039	0.944524	0.944524
+NA	-2.15493	-2.15493	-1.14631	-0.51489	-0.26033	-0.18322	-0.18322

Oneway Anova

Summary of Fit

Rsquare	0.432125
Adj Rsquare	0.337479
Root Mean Square Error	0.59194
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	7.998948	1.59979	4.5657	0.0033 *
Error	30	10.511794	0.35039		
C. Total	35	18.510741			

Means for Oneway Anova

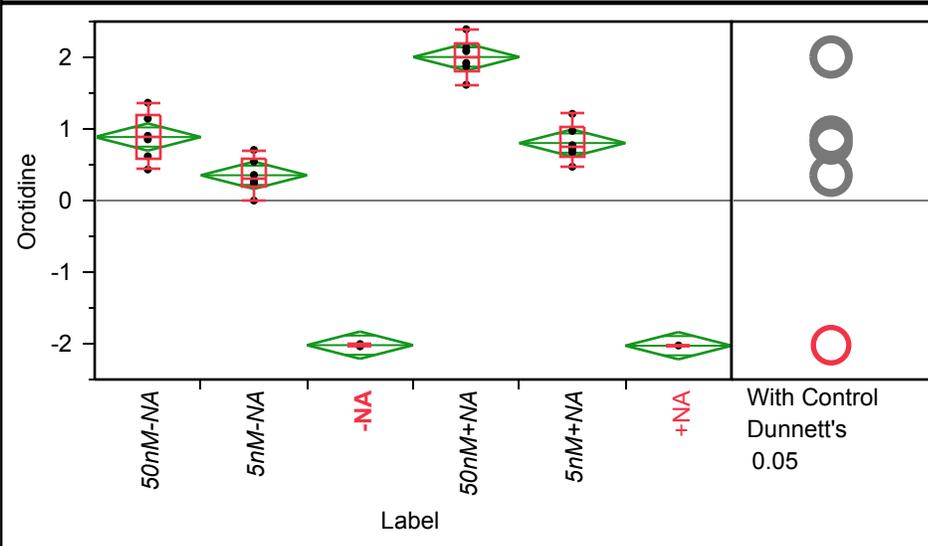
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.49729	0.24166	0.00375	0.9908
5nM-NA	6	0.29281	0.24166	-0.201	0.7863
-NA	6	-0.55061	0.24166	-1.044	-0.0571
50nM+NA	6	0.16249	0.24166	-0.331	0.6560
5nM+NA	6	0.34205	0.24166	-0.151	0.8356
+NA	6	-0.74401	0.24166	-1.238	-0.2505

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Orotidine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.433871	0.433871	0.572553	0.879427	1.199571	1.366525	1.366525
5nM-NA	-0.00023	-0.00023	0.18203	0.312903	0.584632	0.706531	0.706531
-NA	-2.03694	-2.03694	-2.02602	-2.01964	-2.01493	-2.00528	-2.00528
50nM+NA	1.616391	1.616391	1.809963	2.00413	2.201423	2.392233	2.392233
5nM+NA	0.471583	0.471583	0.621258	0.746078	1.032284	1.210951	1.210951
+NA	-2.03404	-2.03404	-2.03048	-2.02647	-2.0253	-2.02486	-2.02486

Oneway Anova

Summary of Fit

Rsquare	0.981464
Adj Rsquare	0.978374
Root Mean Square Error	0.228061
Mean of Response	5.56e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	82.616967	16.5234	317.6865	<.0001 *
Error	30	1.560349	0.0520		
C. Total	35	84.177316			

Means for Oneway Anova

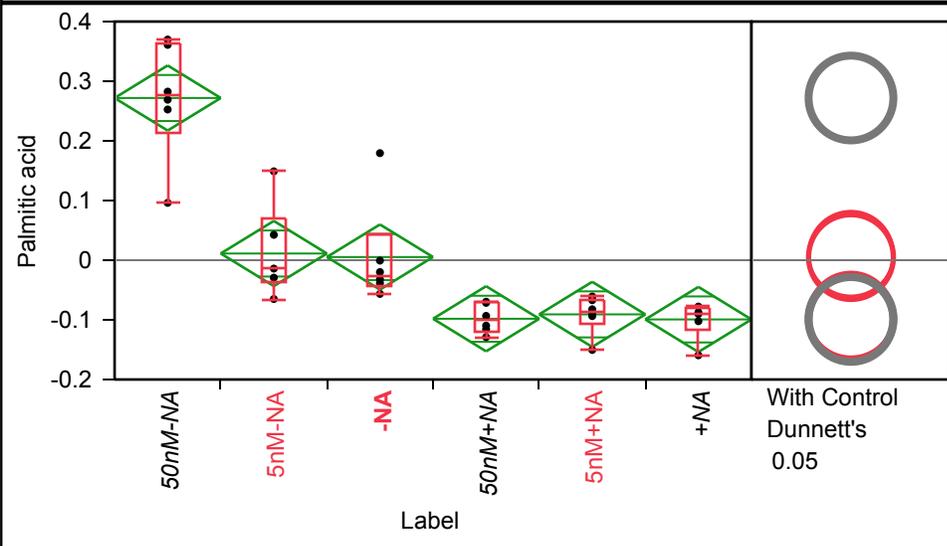
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.8870	0.09311	0.697	1.077
5nM-NA	6	0.3531	0.09311	0.163	0.543
-NA	6	-2.0203	0.09311	-2.210	-1.830
50nM+NA	6	2.0049	0.09311	1.815	2.195
5nM+NA	6	0.8031	0.09311	0.613	0.993
+NA	6	-2.0278	0.09311	-2.218	-1.838

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Palmitic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.09617	0.09617	0.213489	0.27577	0.363153	0.369836	0.369836
5nM-NA	-0.0651	-0.0651	-0.03826	-0.01489	0.069125	0.148924	0.148924
-NA	-0.05649	-0.05649	-0.04292	-0.02606	0.044325	0.179439	0.179439
50nM+NA	-0.12895	-0.12895	-0.11916	-0.10156	-0.07103	-0.06966	-0.06966
5nM+NA	-0.15042	-0.15042	-0.10789	-0.08649	-0.06548	-0.06086	-0.06086
+NA	-0.15943	-0.15943	-0.11656	-0.08884	-0.07854	-0.07772	-0.07772

Oneway Anova

Summary of Fit

Rsquare	0.82612
Adj Rsquare	0.79714
Root Mean Square Error	0.065465
Mean of Response	-5.6e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.61085102	0.122170	28.5066	<.0001 *
Error	30	0.12857062	0.004286		
C. Total	35	0.73942164			

Means for Oneway Anova

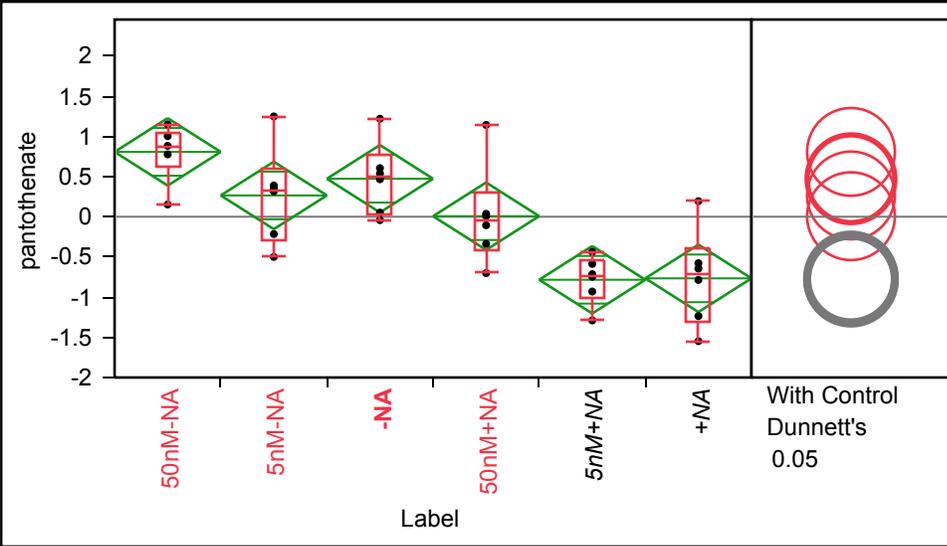
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.27184	0.02673	0.2173	0.3264
5nM-NA	6	0.01121	0.02673	-0.0434	0.0658
-NA	6	0.00529	0.02673	-0.0493	0.0599
50nM+NA	6	-0.09819	0.02673	-0.1528	-0.0436
5nM+NA	6	-0.09083	0.02673	-0.1454	-0.0363
+NA	6	-0.09932	0.02673	-0.1539	-0.0447

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of pantothenate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.152299	0.152299	0.619909	0.879822	1.039305	1.148697	1.148697
5nM-NA	-0.49981	-0.49981	-0.28642	0.33363	0.60352	1.247651	1.247651
-NA	-0.0425	-0.0425	0.02766	0.501327	0.758632	1.21896	1.21896
50nM+NA	-0.70109	-0.70109	-0.42834	-0.04897	0.312197	1.141537	1.141537
5nM+NA	-1.28966	-1.28966	-1.02051	-0.73016	-0.54891	-0.43762	-0.43762
+NA	-1.54738	-1.54738	-1.31402	-0.7156	-0.38524	0.193216	0.193216

Oneway Anova

Summary of Fit

Rsquare	0.629207
Adj Rsquare	0.567408
Root Mean Square Error	0.50297
Mean of Response	-5.6e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	12.878557	2.57571	10.1815	<.0001 *
Error	30	7.589370	0.25298		
C. Total	35	20.467927			

Means for Oneway Anova

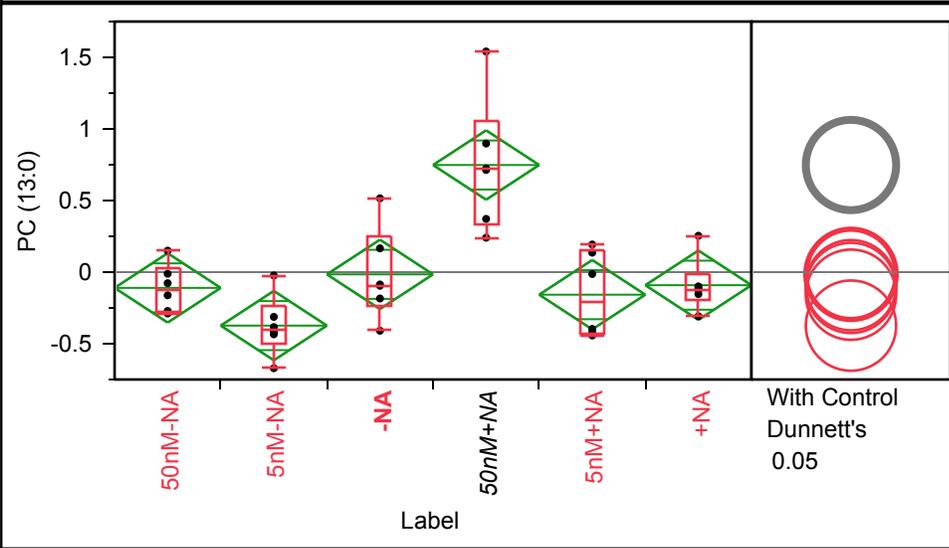
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.80654	0.20534	0.387	1.226
5nM-NA	6	0.26477	0.20534	-0.155	0.684
-NA	6	0.47256	0.20534	0.053	0.892
50nM+NA	6	0.00681	0.20534	-0.413	0.426
5nM+NA	6	-0.78407	0.20534	-1.203	-0.365
+NA	6	-0.76661	0.20534	-1.186	-0.347

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PC (13:0) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.28878	-0.28878	-0.27569	-0.11952	0.029123	0.14999	0.14999
5nM-NA	-0.67121	-0.67121	-0.49355	-0.40013	-0.2402	-0.02343	-0.02343
-NA	-0.40934	-0.40934	-0.24051	-0.09074	0.253587	0.515477	0.515477
50nM+NA	0.240384	0.240384	0.338829	0.718746	1.058802	1.541048	1.541048
5nM+NA	-0.44239	-0.44239	-0.42724	-0.20497	0.150193	0.192814	0.192814
+NA	-0.30814	-0.30814	-0.19196	-0.12029	-0.01121	0.253954	0.253954

Oneway Anova

Summary of Fit

Rsquare	0.638318
Adj Rsquare	0.578038
Root Mean Square Error	0.290517
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.4686458	0.893729	10.5892	<.0001 *
Error	30	2.5320083	0.084400		
C. Total	35	7.0006542			

Means for Oneway Anova

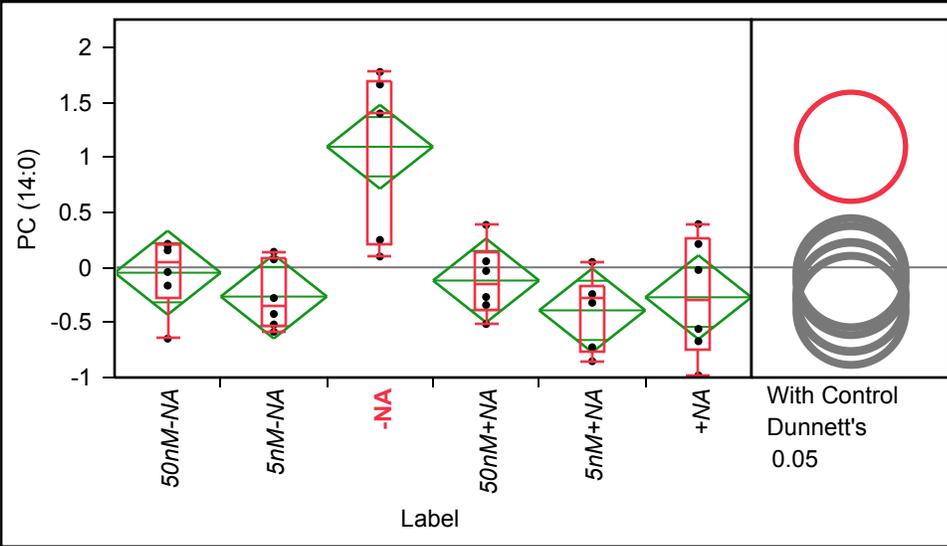
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.11005	0.11860	-0.3523	0.1322
5nM-NA	6	-0.37362	0.11860	-0.6158	-0.1314
-NA	6	-0.01555	0.11860	-0.2578	0.2267
50nM+NA	6	0.74810	0.11860	0.5059	0.9903
5nM+NA	6	-0.15762	0.11860	-0.3998	0.0846
+NA	6	-0.09127	0.11860	-0.3335	0.1510

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PC (14:0) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.6472	-0.6472	-0.28596	0.055845	0.200989	0.213768	0.213768
5nM-NA	-0.58425	-0.58425	-0.53517	-0.35071	0.089793	0.141167	0.141167
-NA	0.098294	0.098294	0.211379	1.394311	1.688748	1.774035	1.774035
50nM+NA	-0.51453	-0.51453	-0.38509	-0.15088	0.137973	0.385407	0.385407
5nM+NA	-0.85234	-0.85234	-0.75739	-0.28537	-0.16998	0.048913	0.048913
+NA	-0.98147	-0.98147	-0.74826	-0.29107	0.257371	0.393015	0.393015

Oneway Anova

Summary of Fit

Rsquare	0.592104
Adj Rsquare	0.524122
Root Mean Square Error	0.45646
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.073509	1.81470	8.7096	<.0001 *
Error	30	6.250663	0.20836		
C. Total	35	15.324171			

Means for Oneway Anova

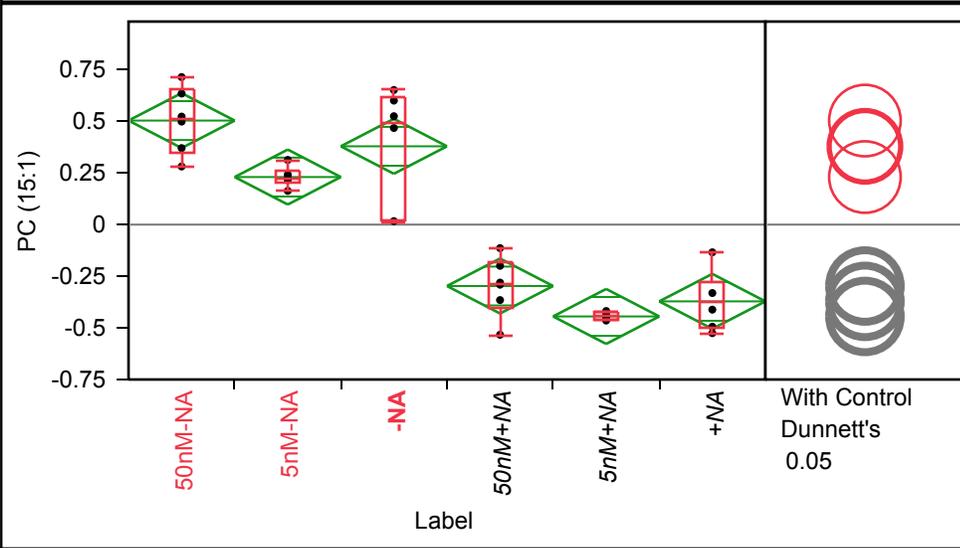
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.0484	0.18635	-0.4290	0.332
5nM-NA	6	-0.2651	0.18635	-0.6457	0.115
-NA	6	1.0951	0.18635	0.7145	1.476
50nM+NA	6	-0.1196	0.18635	-0.5001	0.261
5nM+NA	6	-0.3905	0.18635	-0.7711	-0.0099
+NA	6	-0.2715	0.18635	-0.6521	0.109

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PC (15:1) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.281556	0.281556	0.348271	0.51097	0.654648	0.71442	0.71442
5nM-NA	0.163423	0.163423	0.203834	0.223143	0.259941	0.313095	0.313095
-NA	0.013256	0.013256	0.015944	0.496435	0.613402	0.651854	0.651854
50nM+NA	-0.53335	-0.53335	-0.40737	-0.28582	-0.17807	-0.11372	-0.11372
5nM+NA	-0.46572	-0.46572	-0.46475	-0.44663	-0.42398	-0.41842	-0.41842
+NA	-0.52553	-0.52553	-0.50209	-0.37224	-0.28195	-0.13409	-0.13409

Oneway Anova

Summary of Fit

Rsquare	0.872917
Adj Rsquare	0.851736
Root Mean Square Error	0.159608
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.2494317	1.04989	41.2131	<.0001 *
Error	30	0.7642382	0.02547		
C. Total	35	6.0136699			

Means for Oneway Anova

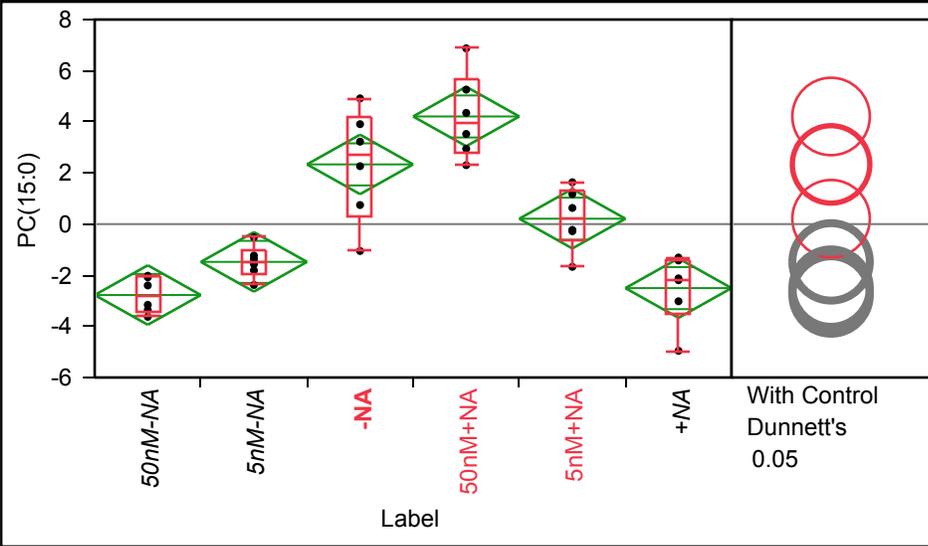
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.50386	0.06516	0.3708	0.6369
5nM-NA	6	0.23039	0.06516	0.0973	0.3635
-NA	6	0.37923	0.06516	0.2462	0.5123
50nM+NA	6	-0.29727	0.06516	-0.4303	-0.1642
5nM+NA	6	-0.44461	0.06516	-0.5777	-0.3115
+NA	6	-0.37160	0.06516	-0.5047	-0.2385

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PC(15:0) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-3.62606	-3.62606	-3.42624	-2.77871	-2.06592	-2.02123	-2.02123
5nM-NA	-2.38262	-2.38262	-1.95178	-1.46651	-1.0499	-0.51418	-0.51418
-NA	-1.05182	-1.05182	0.296243	2.744888	4.160696	4.917106	4.917106
50nM+NA	2.305569	2.305569	2.786148	3.937029	5.661365	6.873391	6.873391
5nM+NA	-1.67103	-1.67103	-0.62736	0.202492	1.290179	1.637127	1.637127
+NA	-4.95535	-4.95535	-3.50298	-2.15892	-1.39274	-1.3071	-1.3071

Oneway Anova

Summary of Fit

Rsquare	0.801707
Adj Rsquare	0.768659
Root Mean Square Error	1.395411
Mean of Response	-5.56e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	236.17538	47.2351	24.2583	<.0001 *
Error	30	58.41512	1.9472		
C. Total	35	294.59051			

Means for Oneway Anova

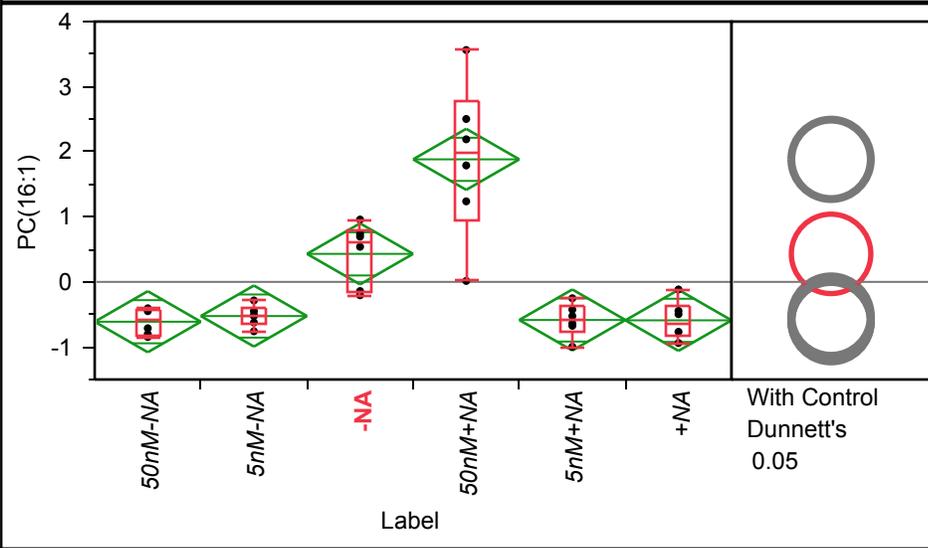
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-2.7742	0.56967	-3.938	-1.611
5nM-NA	6	-1.4777	0.56967	-2.641	-0.314
-NA	6	2.3349	0.56967	1.171	3.498
50nM+NA	6	4.2095	0.56967	3.046	5.373
5nM+NA	6	0.2110	0.56967	-0.952	1.374
+NA	6	-2.5034	0.56967	-3.667	-1.340

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PC(16:1) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.84711	-0.84711	-0.81266	-0.58453	-0.43884	-0.40586	-0.40586
5nM-NA	-0.75901	-0.75901	-0.65807	-0.51666	-0.40738	-0.28535	-0.28535
-NA	-0.20562	-0.20562	-0.15731	0.617295	0.792318	0.957695	0.957695
50nM+NA	0.014647	0.014647	0.931618	1.989932	2.767945	3.562421	3.562421
5nM+NA	-0.99598	-0.99598	-0.75492	-0.58248	-0.38223	-0.25172	-0.25172
+NA	-0.93923	-0.93923	-0.81968	-0.63171	-0.36286	-0.11627	-0.11627

Oneway Anova

Summary of Fit

Rsquare	0.762354
Adj Rsquare	0.722746
Root Mean Square Error	0.562364
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	30.435656	6.08713	19.2477	<.0001 *
Error	30	9.487596	0.31625		
C. Total	35	39.923253			

Means for Oneway Anova

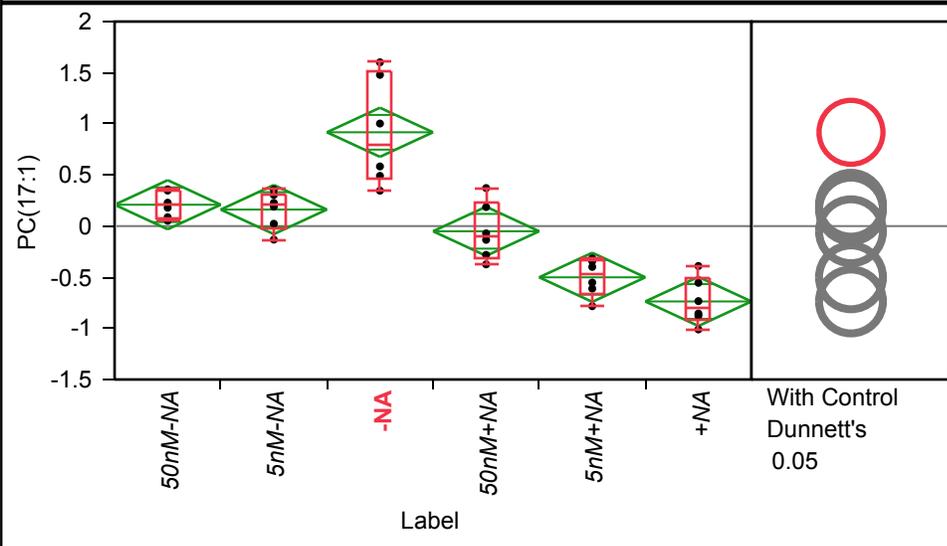
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.6122	0.22958	-1.081	-0.143
5nM-NA	6	-0.5250	0.22958	-0.994	-0.056
-NA	6	0.4304	0.22958	-0.038	0.899
50nM+NA	6	1.8829	0.22958	1.414	2.352
5nM+NA	6	-0.5855	0.22958	-1.054	-0.117
+NA	6	-0.5906	0.22958	-1.060	-0.122

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PC(17:1) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.052221	0.052221	0.078403	0.204219	0.350232	0.358904	0.358904
5nM-NA	-0.13216	-0.13216	-0.01588	0.208972	0.317732	0.357187	0.357187
-NA	0.346088	0.346088	0.454962	0.793062	1.509326	1.601554	1.601554
50nM+NA	-0.37383	-0.37383	-0.30457	-0.10284	0.23266	0.371895	0.371895
5nM+NA	-0.78313	-0.78313	-0.65419	-0.47552	-0.33683	-0.3152	-0.3152
+NA	-1.01028	-1.01028	-0.91036	-0.79419	-0.51354	-0.39027	-0.39027

Oneway Anova

Summary of Fit

Rsquare	0.804653
Adj Rsquare	0.772095
Root Mean Square Error	0.287923
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	10.244183	2.04884	24.7146	<.0001 *
Error	30	2.486996	0.08290		
C. Total	35	12.731179			

Means for Oneway Anova

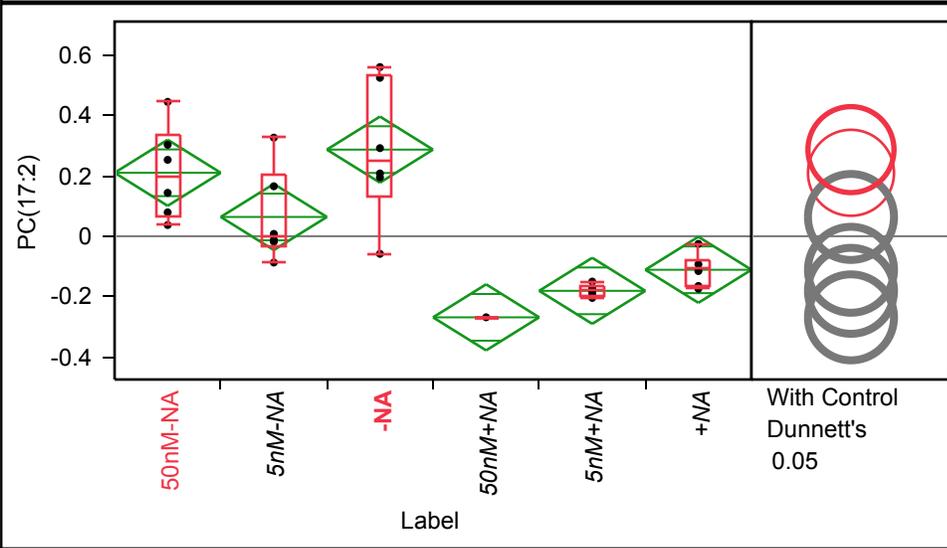
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.20901	0.11754	-0.0311	0.449
5nM-NA	6	0.16174	0.11754	-0.0783	0.402
-NA	6	0.91727	0.11754	0.6772	1.157
50nM+NA	6	-0.05047	0.11754	-0.2905	0.190
5nM+NA	6	-0.50077	0.11754	-0.7408	-0.261
+NA	6	-0.73677	0.11754	-0.9768	-0.497

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PC(17:2) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.037015	0.037015	0.068344	0.198104	0.337964	0.444397	0.444397
5nM-NA	-0.08702	-0.08702	-0.03523	-0.00212	0.205457	0.326074	0.326074
-NA	-0.05826	-0.05826	0.131352	0.249463	0.532806	0.559442	0.559442
50nM+NA	-0.26856	-0.26856	-0.26845	-0.26835	-0.26816	-0.26816	-0.26816
5nM+NA	-0.20412	-0.20412	-0.19775	-0.1807	-0.1669	-0.15003	-0.15003
+NA	-0.17369	-0.17369	-0.16686	-0.1046	-0.07611	-0.02542	-0.02542

Oneway Anova

Summary of Fit

Rsquare	0.742067
Adj Rsquare	0.699078
Root Mean Square Error	0.131054
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	1.4823787	0.296476	17.2618	<.0001 *
Error	30	0.5152568	0.017175		
C. Total	35	1.9976356			

Means for Oneway Anova

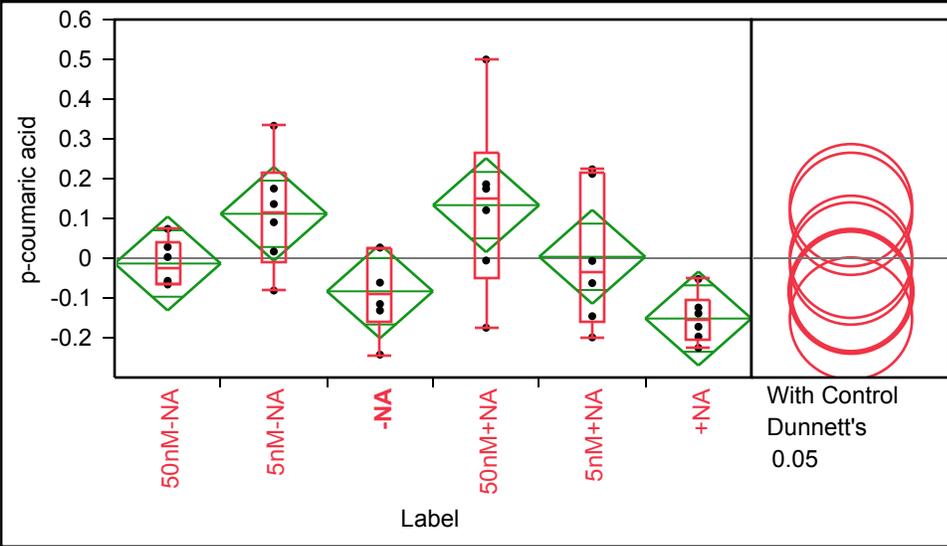
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.20982	0.05350	0.1005	0.3191
5nM-NA	6	0.06368	0.05350	-0.0456	0.1730
-NA	6	0.28643	0.05350	0.1772	0.3957
50nM+NA	6	-0.26833	0.05350	-0.3776	-0.1591
5nM+NA	6	-0.18062	0.05350	-0.2899	-0.0714
+NA	6	-0.11098	0.05350	-0.2203	-0.0017

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of p-coumaric acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.06622	-0.06622	-0.06308	-0.02701	0.039582	0.073696	0.073696
5nM-NA	-0.08132	-0.08132	-0.00777	0.113216	0.214434	0.332856	0.332856
-NA	-0.24252	-0.24252	-0.15935	-0.08831	0.02505	0.026568	0.026568
50nM+NA	-0.17491	-0.17491	-0.04811	0.14761	0.264325	0.499533	0.499533
5nM+NA	-0.19917	-0.19917	-0.15921	-0.0348	0.214857	0.223523	0.223523
+NA	-0.22545	-0.22545	-0.20426	-0.15568	-0.10612	-0.05235	-0.05235

Oneway Anova

Summary of Fit

Rsquare	0.375969
Adj Rsquare	0.271963
Root Mean Square Error	0.141578
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.36229182	0.072458	3.6149	0.0112 *
Error	30	0.60133086	0.020044		
C. Total	35	0.96362267			

Means for Oneway Anova

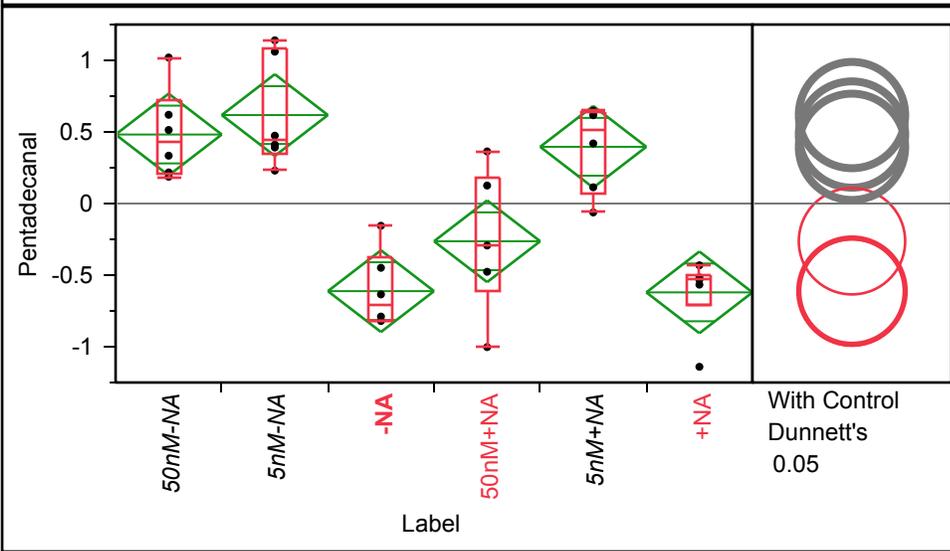
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.01339	0.05780	-0.1314	0.1046
5nM-NA	6	0.11161	0.05780	-0.0064	0.2297
-NA	6	-0.08328	0.05780	-0.2013	0.0348
50nM+NA	6	0.13332	0.05780	0.0153	0.2514
5nM+NA	6	0.00347	0.05780	-0.1146	0.1215
+NA	6	-0.15173	0.05780	-0.2698	-0.0337

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Pentadecanal By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.187142	0.187142	0.209815	0.423916	0.719713	1.019773	1.019773
5nM-NA	0.229972	0.229972	0.350967	0.442608	1.080268	1.139939	1.139939
-NA	-0.82261	-0.82261	-0.82108	-0.712	-0.3755	-0.15536	-0.15536
50nM+NA	-1.00263	-1.00263	-0.60816	-0.29545	0.185156	0.363859	0.363859
5nM+NA	-0.06227	-0.06227	0.06943	0.518273	0.64246	0.648473	0.648473
+NA	-1.14017	-1.14017	-0.71002	-0.53457	-0.49457	-0.43143	-0.43143

Oneway Anova

Summary of Fit

Rsquare	0.732089
Adj Rsquare	0.687437
Root Mean Square Error	0.342176
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.598275	1.91965	16.3955	<.0001 *
Error	30	3.512529	0.11708		
C. Total	35	13.110804			

Means for Oneway Anova

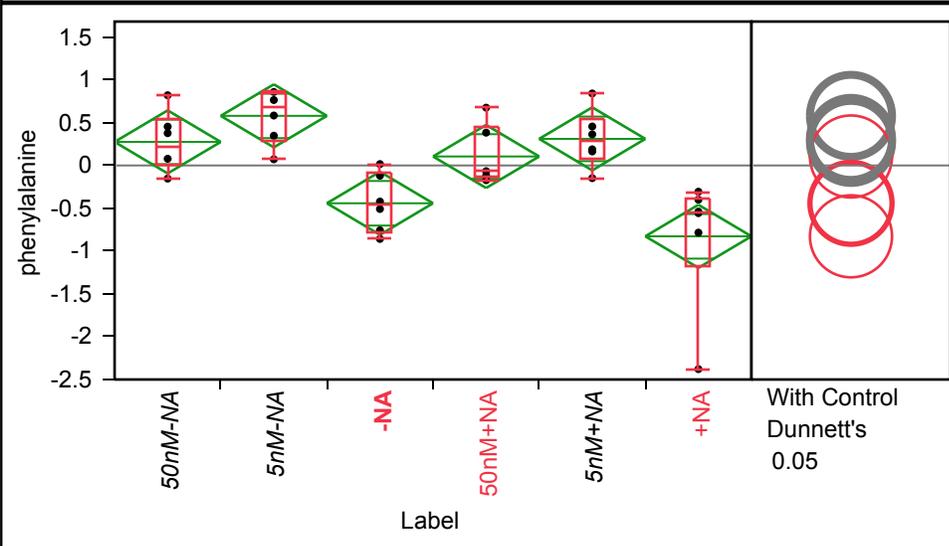
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.48197	0.13969	0.1967	0.7673
5nM-NA	6	0.61780	0.13969	0.3325	0.9031
-NA	6	-0.61190	0.13969	-0.8972	-0.3266
50nM+NA	6	-0.26346	0.13969	-0.5487	0.0218
5nM+NA	6	0.39609	0.13969	0.1108	0.6814
+NA	6	-0.62050	0.13969	-0.9058	-0.3352

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of phenylalanine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.15326	-0.15326	0.017205	0.227536	0.5451	0.819849	0.819849
5nM-NA	0.072142	0.072142	0.278425	0.67346	0.853108	0.85819	0.85819
-NA	-0.85816	-0.85816	-0.7826	-0.46515	-0.08611	0.016003	0.016003
50nM+NA	-0.17207	-0.17207	-0.13245	-0.06879	0.455893	0.674616	0.674616
5nM+NA	-0.14823	-0.14823	0.085781	0.275682	0.551398	0.8406	0.8406
+NA	-2.37867	-2.37867	-1.1831	-0.54831	-0.3765	-0.30661	-0.30661

Oneway Anova

Summary of Fit

Rsquare	0.589293
Adj Rsquare	0.520841
Root Mean Square Error	0.441543
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	8.391999	1.67840	8.6089	<.0001 *
Error	30	5.848800	0.19496		
C. Total	35	14.240799			

Means for Oneway Anova

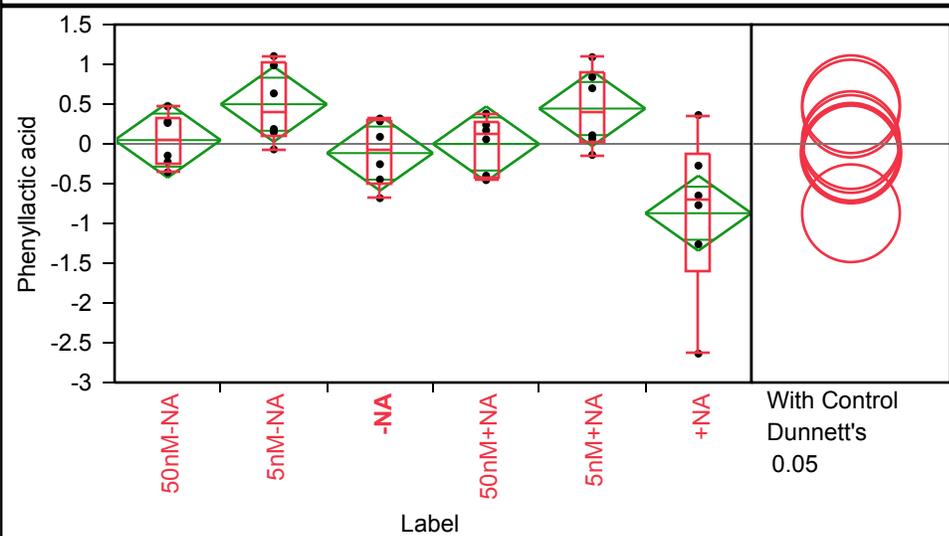
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.27487	0.18026	-0.093	0.6430
5nM-NA	6	0.57931	0.18026	0.211	0.9474
-NA	6	-0.44167	0.18026	-0.810	-0.0735
50nM+NA	6	0.10478	0.18026	-0.263	0.4729
5nM+NA	6	0.31042	0.18026	-0.058	0.6786
+NA	6	-0.82771	0.18026	-1.196	-0.4596

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Phenyllactic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.35702	-0.35702	-0.25939	0.057623	0.328391	0.470482	0.470482
5nM-NA	-0.06938	-0.06938	0.093769	0.410891	1.01563	1.103634	1.103634
-NA	-0.68255	-0.68255	-0.50613	-0.08357	0.292036	0.317403	0.317403
50nM+NA	-0.45563	-0.45563	-0.41374	0.113248	0.27458	0.380871	0.380871
5nM+NA	-0.13917	-0.13917	0.014328	0.403603	0.902166	1.089904	1.089904
+NA	-2.63667	-2.63667	-1.60616	-0.71026	-0.11475	0.362072	0.362072

Oneway Anova

Summary of Fit

Rsquare	0.432784
Adj Rsquare	0.338248
Root Mean Square Error	0.565807
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	7.327931	1.46559	4.5780	0.0032 *
Error	30	9.604135	0.32014		
C. Total	35	16.932066			

Means for Oneway Anova

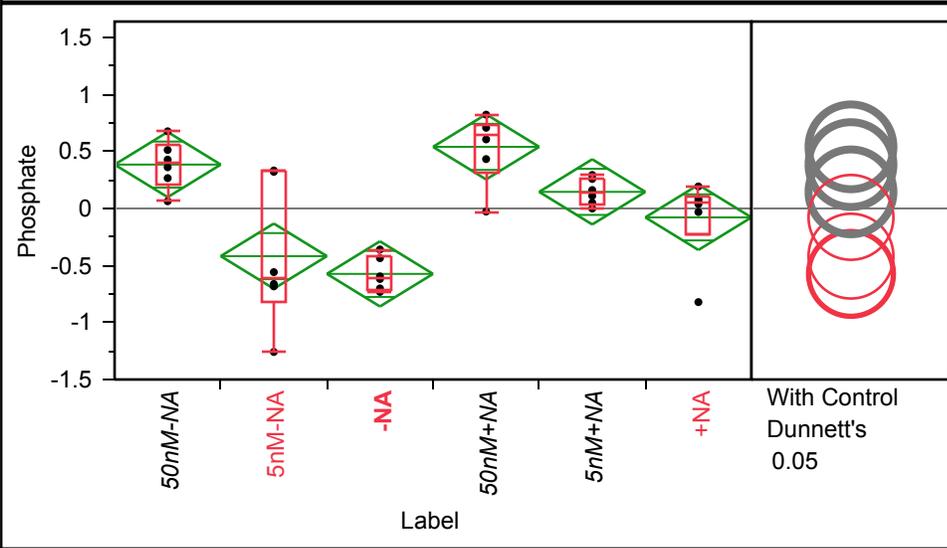
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.04715	0.23099	-0.425	0.5189
5nM-NA	6	0.49841	0.23099	0.027	0.9702
-NA	6	-0.11600	0.23099	-0.588	0.3557
50nM+NA	6	-0.00148	0.23099	-0.473	0.4703
5nM+NA	6	0.44384	0.23099	-0.028	0.9156
+NA	6	-0.87191	0.23099	-1.344	-0.4002

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.063032	0.063032	0.215231	0.39455	0.553783	0.676341	0.676341
5nM-NA	-1.25844	-1.25844	-0.82716	-0.61039	0.324118	0.332706	0.332706
-NA	-0.73178	-0.73178	-0.70888	-0.60707	-0.41698	-0.35981	-0.35981
50nM+NA	-0.02733	-0.02733	0.317877	0.653252	0.735967	0.822233	0.822233
5nM+NA	-0.0007	-0.0007	0.036754	0.135788	0.267471	0.293476	0.293476
+NA	-0.82129	-0.82129	-0.22897	0.052859	0.111608	0.192947	0.192947

Oneway Anova

Summary of Fit

Rsquare	0.623185
Adj Rsquare	0.560382
Root Mean Square Error	0.342698
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.8268306	1.16537	9.9229	<.0001 *
Error	30	3.5232564	0.11744		
C. Total	35	9.3500870			

Means for Oneway Anova

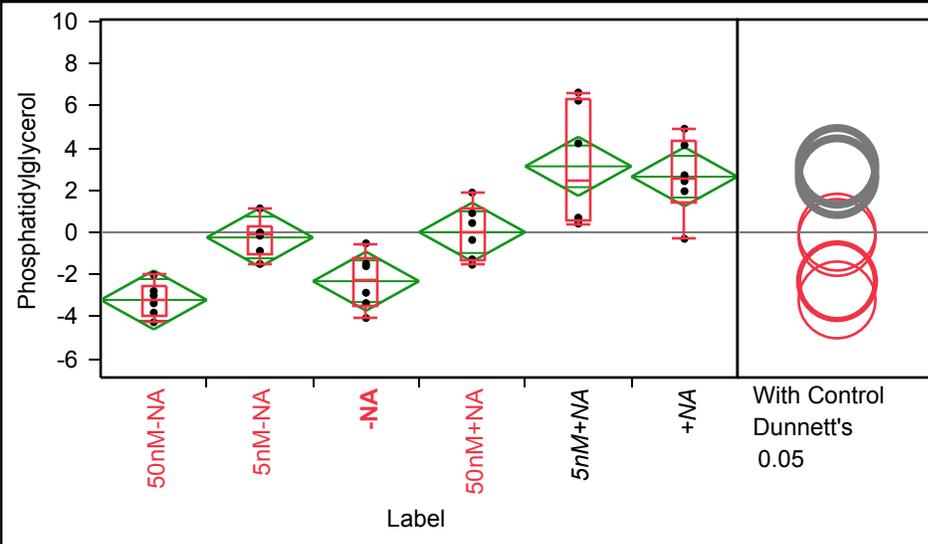
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.38456	0.13991	0.0988	0.6703
5nM-NA	6	-0.41811	0.13991	-0.7038	-0.1324
-NA	6	-0.57383	0.13991	-0.8596	-0.2881
50nM+NA	6	0.54026	0.13991	0.2545	0.8260
5nM+NA	6	0.14540	0.13991	-0.1403	0.4311
+NA	6	-0.07828	0.13991	-0.3640	0.2074

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Phosphatidylglycerol By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-4.27087	-4.27087	-3.92838	-3.18478	-2.59754	-2.0217	-2.0217
5nM-NA	-1.49746	-1.49746	-1.03631	-0.10915	0.278613	1.133416	1.133416
-NA	-4.07039	-4.07039	-3.53933	-2.24071	-1.25149	-0.52408	-0.52408
50nM+NA	-1.54221	-1.54221	-1.34882	0.037544	1.153647	1.883733	1.883733
5nM+NA	0.408172	0.408172	0.537758	2.457097	6.345582	6.636919	6.636919
+NA	-0.30793	-0.30793	1.387477	2.569655	4.332758	4.915485	4.915485

Oneway Anova

Summary of Fit

Rsquare	0.698131
Adj Rsquare	0.64782
Root Mean Square Error	1.677407
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	195.21684	39.0434	13.8762	<.0001 *
Error	30	84.41081	2.8137		
C. Total	35	279.62765			

Means for Oneway Anova

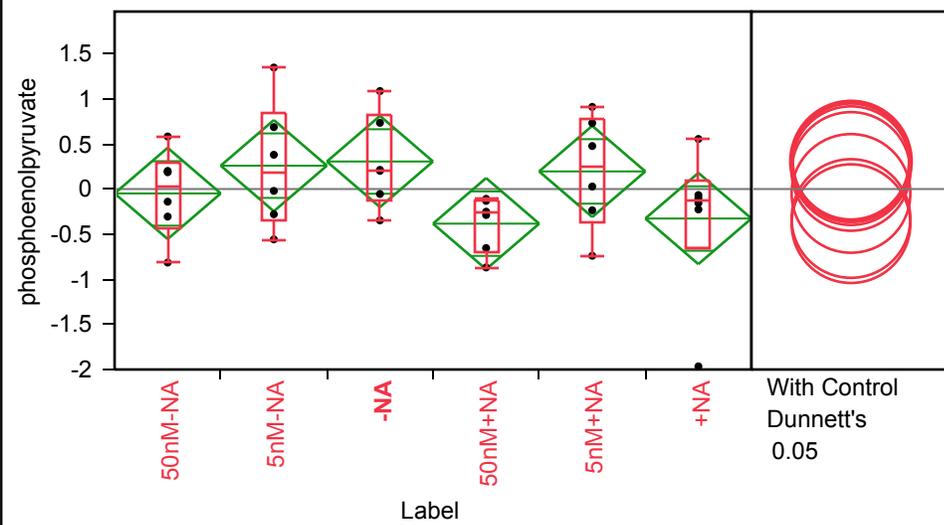
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-3.2110	0.68480	-4.610	-1.812
5nM-NA	6	-0.2452	0.68480	-1.644	1.153
-NA	6	-2.3220	0.68480	-3.721	-0.923
50nM+NA	6	0.0071	0.68480	-1.391	1.406
5nM+NA	6	3.1315	0.68480	1.733	4.530
+NA	6	2.6397	0.68480	1.241	4.038

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of phosphoenolpyruvate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.81492	-0.81492	-0.43275	0.02288	0.295897	0.581953	0.581953
5nM-NA	-0.55785	-0.55785	-0.34906	0.179394	0.85093	1.346075	1.346075
-NA	-0.34727	-0.34727	-0.12789	0.206828	0.821441	1.085366	1.085366
50nM+NA	-0.86885	-0.86885	-0.70778	-0.2696	-0.12566	-0.10873	-0.10873
5nM+NA	-0.73966	-0.73966	-0.3615	0.25224	0.775799	0.910218	0.910218
+NA	-1.96556	-1.96556	-0.66093	-0.12822	0.088565	0.554521	0.554521

Oneway Anova

Summary of Fit

Rsquare	0.198416
Adj Rsquare	0.064818
Root Mean Square Error	0.605993
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	2.726983	0.545397	1.4852	0.2241
Error	30	11.016815	0.367227		
C. Total	35	13.743798			

Means for Oneway Anova

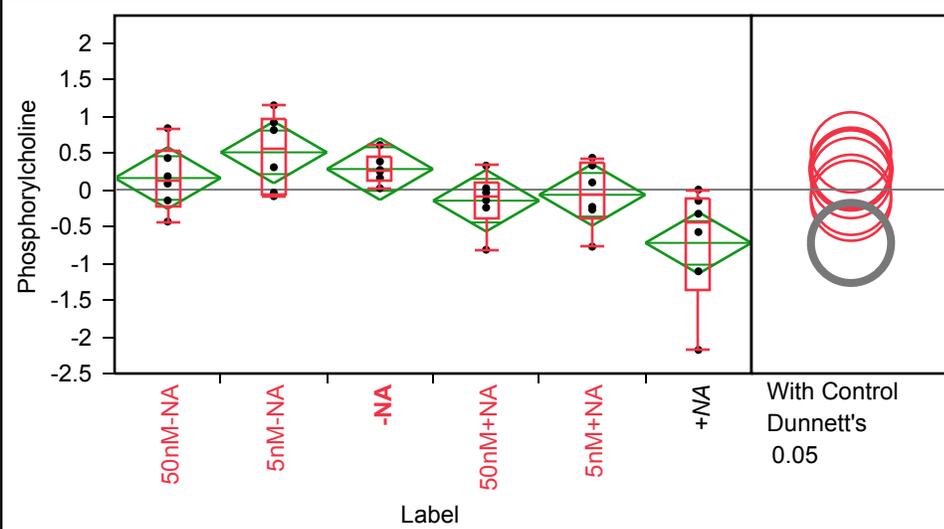
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.04867	0.24740	-0.5539	0.45658
5nM-NA	6	0.25890	0.24740	-0.2463	0.76415
-NA	6	0.30508	0.24740	-0.2002	0.81032
50nM+NA	6	-0.38369	0.24740	-0.8889	0.12155
5nM+NA	6	0.19510	0.24740	-0.3102	0.70035
+NA	6	-0.32671	0.24740	-0.8320	0.17854

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Phosphorylcholine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.43434	-0.43434	-0.21875	0.131437	0.530925	0.83511	0.83511
5nM-NA	-0.08938	-0.08938	-0.05341	0.557359	0.970436	1.146465	1.146465
-NA	0.018445	0.018445	0.123931	0.256701	0.438264	0.606373	0.606373
50nM+NA	-0.81712	-0.81712	-0.38757	-0.0929	0.09643	0.326047	0.326047
5nM+NA	-0.77599	-0.77599	-0.39764	-0.06816	0.355188	0.433249	0.433249
+NA	-2.17879	-2.17879	-1.37763	-0.45226	-0.11358	0.000225	0.000225

Oneway Anova

Summary of Fit

Rsquare	0.419613
Adj Rsquare	0.322882
Root Mean Square Error	0.502353
Mean of Response	1.11e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	5.473583	1.09472	4.3379	0.0043 *
Error	30	7.570765	0.25236		
C. Total	35	13.044348			

Means for Oneway Anova

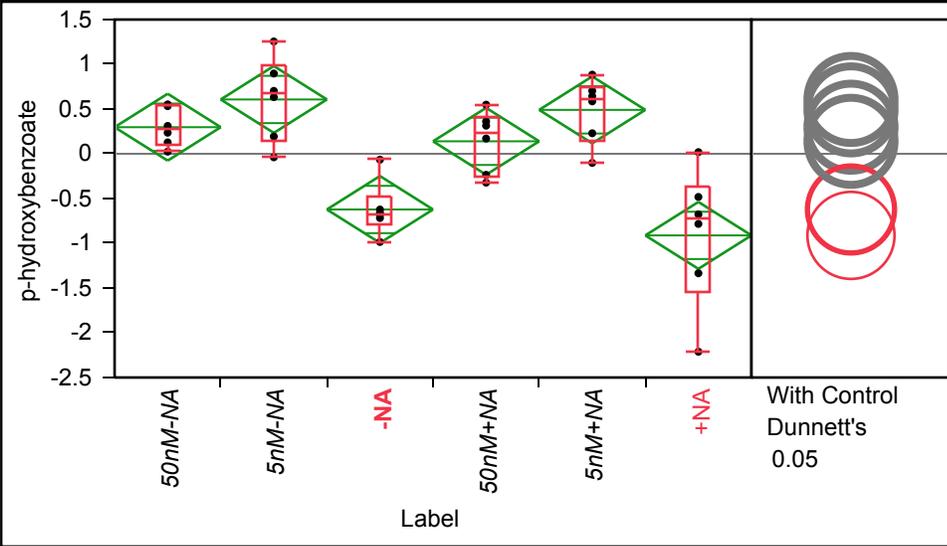
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.15772	0.20508	-0.261	0.5766
5nM-NA	6	0.50702	0.20508	0.088	0.9259
-NA	6	0.27992	0.20508	-0.139	0.6988
50nM+NA	6	-0.15023	0.20508	-0.569	0.2686
5nM+NA	6	-0.07024	0.20508	-0.489	0.3486
+NA	6	-0.72420	0.20508	-1.143	-0.3054

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of p-hydroxybenzoate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.024063	0.024063	0.101415	0.273584	0.537309	0.552034	0.552034
5nM-NA	-0.03914	-0.03914	0.135293	0.667981	0.986375	1.255105	1.255105
-NA	-0.98542	-0.98542	-0.78472	-0.671	-0.48369	-0.0661	-0.0661
50nM+NA	-0.32225	-0.32225	-0.2569	0.242042	0.40845	0.548618	0.548618
5nM+NA	-0.10197	-0.10197	0.146536	0.6146	0.748329	0.884228	0.884228
+NA	-2.21198	-2.21198	-1.55412	-0.73053	-0.35713	0.018491	0.018491

Oneway Anova

Summary of Fit

Rsquare	0.658289
Adj Rsquare	0.601337
Root Mean Square Error	0.448318
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	11.615853	2.32317	11.5587	<.0001 *
Error	30	6.029665	0.20099		
C. Total	35	17.645518			

Means for Oneway Anova

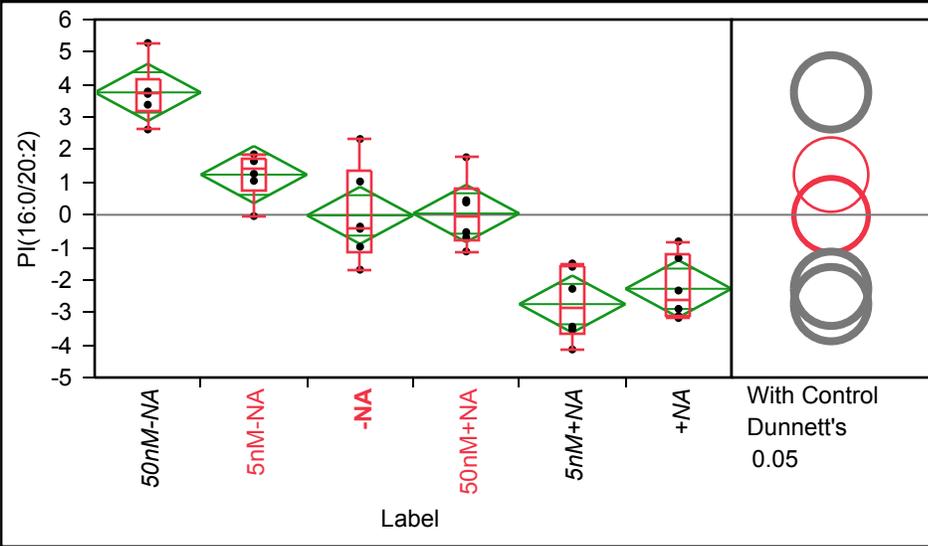
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.29714	0.18302	-0.077	0.6709
5nM-NA	6	0.60703	0.18302	0.233	0.9808
-NA	6	-0.62237	0.18302	-0.996	-0.2486
50nM+NA	6	0.13951	0.18302	-0.234	0.5133
5nM+NA	6	0.49064	0.18302	0.117	0.8644
+NA	6	-0.91195	0.18302	-1.286	-0.5382

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PI(16:0/20:2) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	2.622976	2.622976	3.192662	3.746502	4.162221	5.281024	5.281024
5nM-NA	-0.03878	-0.03878	0.772407	1.445814	1.70191	1.860337	1.860337
-NA	-1.68671	-1.68671	-1.15856	-0.39627	1.349289	2.328989	2.328989
50nM+NA	-1.12559	-1.12559	-0.8001	-0.07598	0.776144	1.767703	1.767703
5nM+NA	-4.13872	-4.13872	-3.67955	-2.8559	-1.57151	-1.49447	-1.49447
+NA	-3.17158	-3.17158	-3.12473	-2.60835	-1.19849	-0.816	-0.816

Oneway Anova

Summary of Fit

Rsquare	0.836584
Adj Rsquare	0.809348
Root Mean Square Error	1.052876
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	170.25160	34.0503	30.7161	<.0001 *
Error	30	33.25643	1.1085		
C. Total	35	203.50803			

Means for Oneway Anova

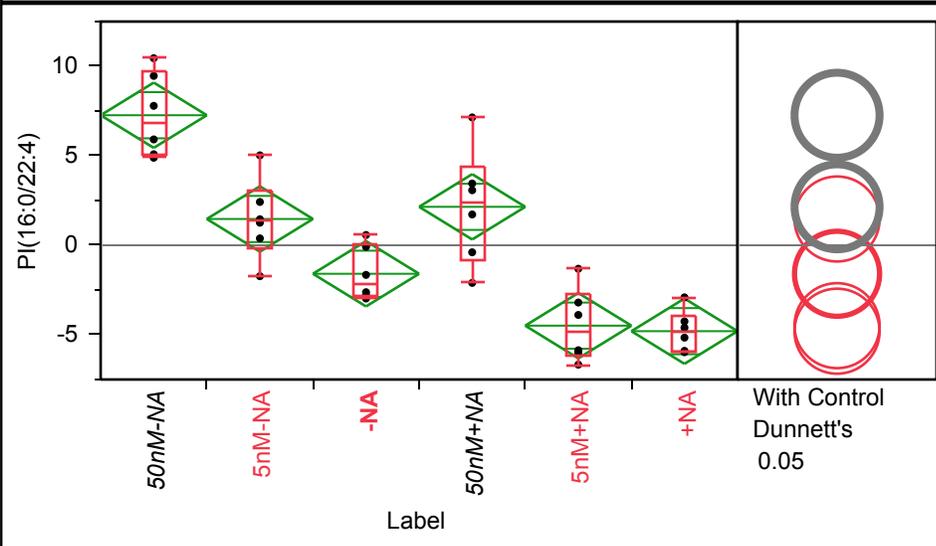
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	3.7615	0.42983	2.884	4.639
5nM-NA	6	1.2342	0.42983	0.356	2.112
-NA	6	-0.0183	0.42983	-0.896	0.859
50nM+NA	6	0.0407	0.42983	-0.837	0.919
5nM+NA	6	-2.7448	0.42983	-3.623	-1.867
+NA	6	-2.2732	0.42983	-3.151	-1.395

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PI(16:0/22:4) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	4.889046	4.889046	5.036596	6.852175	9.710947	10.45267	10.45267
5nM-NA	-1.72795	-1.72795	-0.143	1.356983	3.070265	5.024486	5.024486
-NA	-2.97463	-2.97463	-2.83312	-2.13876	0.076361	0.573977	0.573977
50nM+NA	-2.1021	-2.1021	-0.81975	2.397221	4.372343	7.143888	7.143888
5nM+NA	-6.67021	-6.67021	-6.17586	-4.8782	-2.72752	-1.31286	-1.31286
+NA	-5.97582	-5.97582	-5.91734	-4.88064	-3.91814	-2.91044	-2.91044

Oneway Anova

Summary of Fit

Rsquare	0.814697
Adj Rsquare	0.783813
Root Mean Square Error	2.18882
Mean of Response	2.778e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	631.90747	126.381	26.3793	<.0001 *
Error	30	143.72794	4.791		
C. Total	35	775.63542			

Means for Oneway Anova

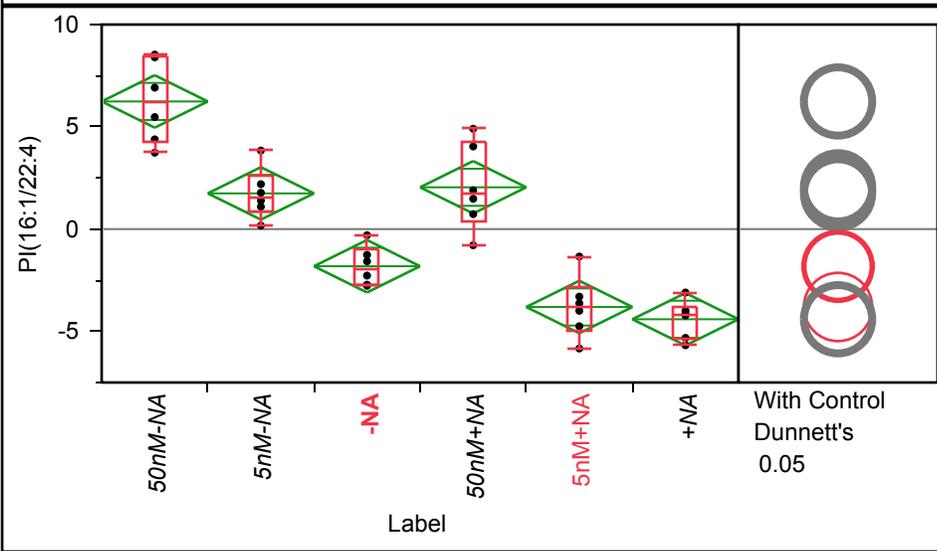
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	7.2659	0.89358	5.441	9.091
5nM-NA	6	1.4691	0.89358	-0.356	3.294
-NA	6	-1.5923	0.89358	-3.417	0.233
50nM+NA	6	2.1487	0.89358	0.324	3.974
5nM+NA	6	-4.4916	0.89358	-6.317	-2.667
+NA	6	-4.7999	0.89358	-6.625	-2.975

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of PI(16:1/22:4) By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	3.735954	3.735954	4.224711	6.195558	8.430433	8.530166	8.530166
5nM-NA	0.172032	0.172032	0.865309	1.585636	2.607733	3.839856	3.839856
-NA	-2.77131	-2.77131	-2.73079	-1.92346	-1.01944	-0.29857	-0.29857
50nM+NA	-0.79038	-0.79038	0.351371	1.688251	4.257241	4.906469	4.906469
5nM+NA	-5.83738	-5.83738	-5.01974	-3.81062	-2.8106	-1.34221	-1.34221
+NA	-5.67752	-5.67752	-5.4091	-4.17643	-3.76872	-3.10075	-3.10075

Oneway Anova

Summary of Fit

Rsquare	0.875779
Adj Rsquare	0.855076
Root Mean Square Error	1.538043
Mean of Response	-3e-16
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	500.33369	100.067	42.3012	<.0001 *
Error	30	70.96731	2.366		
C. Total	35	571.30100			

Means for Oneway Anova

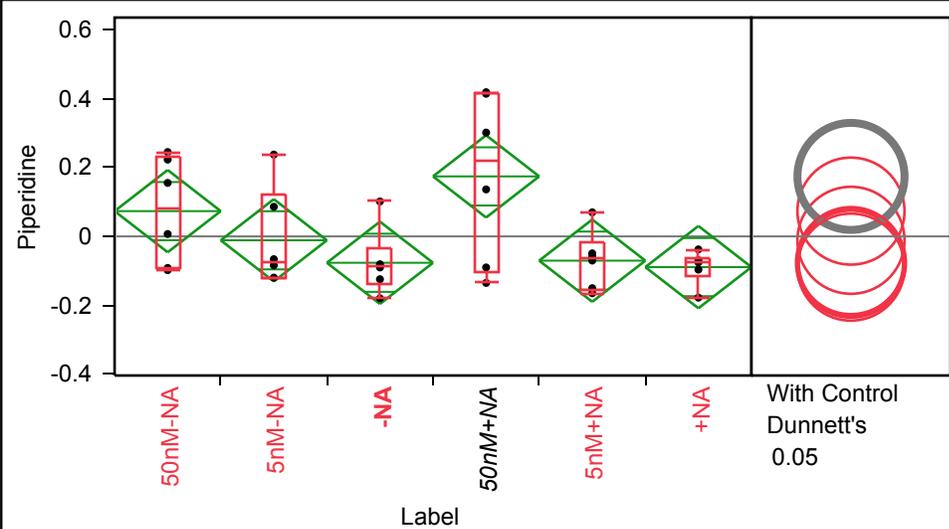
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	6.2403	0.62790	4.958	7.523
5nM-NA	6	1.7461	0.62790	0.464	3.028
-NA	6	-1.8156	0.62790	-3.098	-0.533
50nM+NA	6	2.0442	0.62790	0.762	3.327
5nM+NA	6	-3.8080	0.62790	-5.090	-2.526
+NA	6	-4.4070	0.62790	-5.689	-3.125

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Piperidine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.0982	-0.0982	-0.09338	0.081181	0.22872	0.245163	0.245163
5nM-NA	-0.12162	-0.12162	-0.12026	-0.07525	0.123956	0.237835	0.237835
-NA	-0.17995	-0.17995	-0.13836	-0.08814	-0.03534	0.101488	0.101488
50nM+NA	-0.13523	-0.13523	-0.1015	0.219133	0.415654	0.419119	0.419119
5nM+NA	-0.1652	-0.1652	-0.15419	-0.06402	-0.01951	0.069946	0.069946
+NA	-0.17804	-0.17804	-0.11694	-0.077	-0.06148	-0.03778	-0.03778

Oneway Anova

Summary of Fit

Rsquare	0.347614
Adj Rsquare	0.238883
Root Mean Square Error	0.143382
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.32862516	0.065725	3.1970	0.0197 *
Error	30	0.61674784	0.020558		
C. Total	35	0.94537300			

Means for Oneway Anova

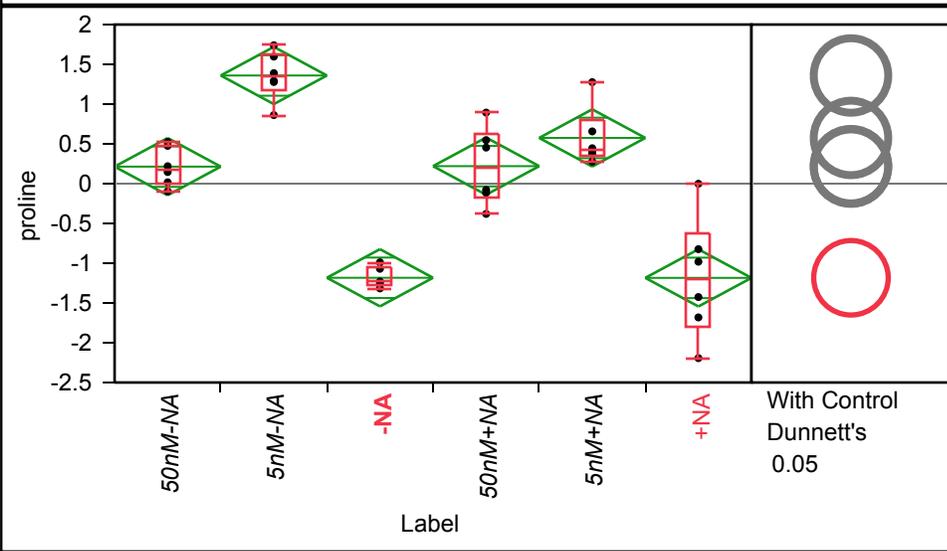
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.07347	0.05854	-0.0461	0.19301
5nM-NA	6	-0.01135	0.05854	-0.1309	0.10820
-NA	6	-0.07670	0.05854	-0.1962	0.04285
50nM+NA	6	0.17440	0.05854	0.0549	0.29394
5nM+NA	6	-0.07053	0.05854	-0.1901	0.04902
+NA	6	-0.08930	0.05854	-0.2088	0.03025

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of proline By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.09636	-0.09636	-0.01155	0.182685	0.486843	0.522844	0.522844
5nM-NA	0.861628	0.861628	1.173658	1.340739	1.632742	1.73968	1.73968
-NA	-1.31672	-1.31672	-1.27342	-1.23246	-1.04997	-0.98916	-0.98916
50nM+NA	-0.38013	-0.38013	-0.18254	0.187776	0.633393	0.893313	0.893313
5nM+NA	0.27727	0.27727	0.352838	0.429861	0.811611	1.276194	1.276194
+NA	-2.1934	-2.1934	-1.80965	-1.20345	-0.61844	-0.00162	-0.00162

Oneway Anova

Summary of Fit

Rsquare	0.845114
Adj Rsquare	0.8193
Root Mean Square Error	0.431361
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	30.458380	6.09168	32.7383	<.0001 *
Error	30	5.582159	0.18607		
C. Total	35	36.040540			

Means for Oneway Anova

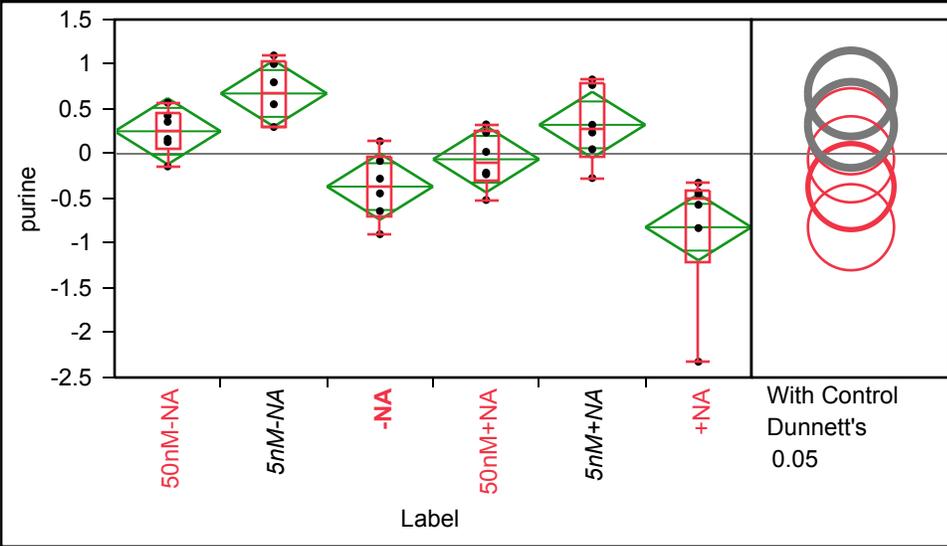
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.2139	0.17610	-0.146	0.574
5nM-NA	6	1.3596	0.17610	1.000	1.719
-NA	6	-1.1833	0.17610	-1.543	-0.824
50nM+NA	6	0.2198	0.17610	-0.140	0.579
5nM+NA	6	0.5747	0.17610	0.215	0.934
+NA	6	-1.1846	0.17610	-1.544	-0.825

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of purine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.14121	-0.14121	0.062804	0.261477	0.462102	0.570996	0.570996
5nM-NA	0.289841	0.289841	0.296705	0.676261	1.027298	1.09884	1.09884
-NA	-0.89841	-0.89841	-0.70501	-0.36025	-0.02526	0.139435	0.139435
50nM+NA	-0.516	-0.516	-0.30126	-0.09457	0.260297	0.328202	0.328202
5nM+NA	-0.27092	-0.27092	-0.02976	0.280697	0.784122	0.830723	0.830723
+NA	-2.32355	-2.32355	-1.20366	-0.50966	-0.40152	-0.32354	-0.32354

Oneway Anova

Summary of Fit

Rsquare	0.593446
Adj Rsquare	0.525687
Root Mean Square Error	0.443242
Mean of Response	-8.3e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	8.603320	1.72066	8.7582	<.0001 *
Error	30	5.893895	0.19646		
C. Total	35	14.497215			

Means for Oneway Anova

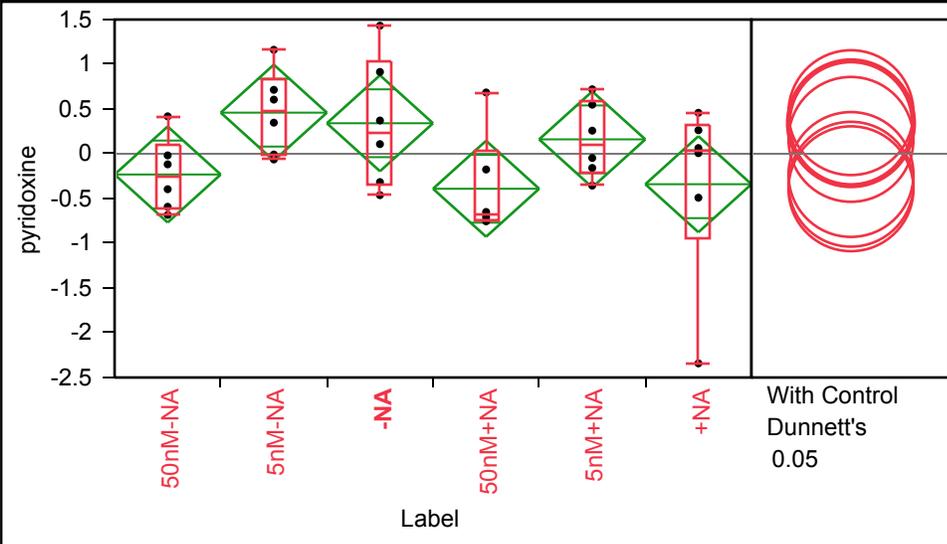
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.25156	0.18095	-0.118	0.621
5nM-NA	6	0.67394	0.18095	0.304	1.043
-NA	6	-0.36669	0.18095	-0.736	0.00286
50nM+NA	6	-0.06149	0.18095	-0.431	0.308
5nM+NA	6	0.32340	0.18095	-0.046	0.693
+NA	6	-0.82071	0.18095	-1.190	-0.451

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of pyridoxine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.68268	-0.68268	-0.61464	-0.25708	0.091251	0.418396	0.418396
5nM-NA	-0.06332	-0.06332	-0.02197	0.476575	0.826284	1.161902	1.161902
-NA	-0.46226	-0.46226	-0.3526	0.239913	1.043693	1.431506	1.431506
50nM+NA	-0.75473	-0.75473	-0.74563	-0.678	0.039592	0.685129	0.685129
5nM+NA	-0.35551	-0.35551	-0.2078	0.105579	0.591727	0.720972	0.720972
+NA	-2.34202	-2.34202	-0.95355	0.035745	0.311857	0.457978	0.457978

Oneway Anova

Summary of Fit

Rsquare	0.246268
Adj Rsquare	0.120646
Root Mean Square Error	0.642997
Mean of Response	5.56e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.052565	0.810513	1.9604	0.1136
Error	30	12.403367	0.413446		
C. Total	35	16.455932			

Means for Oneway Anova

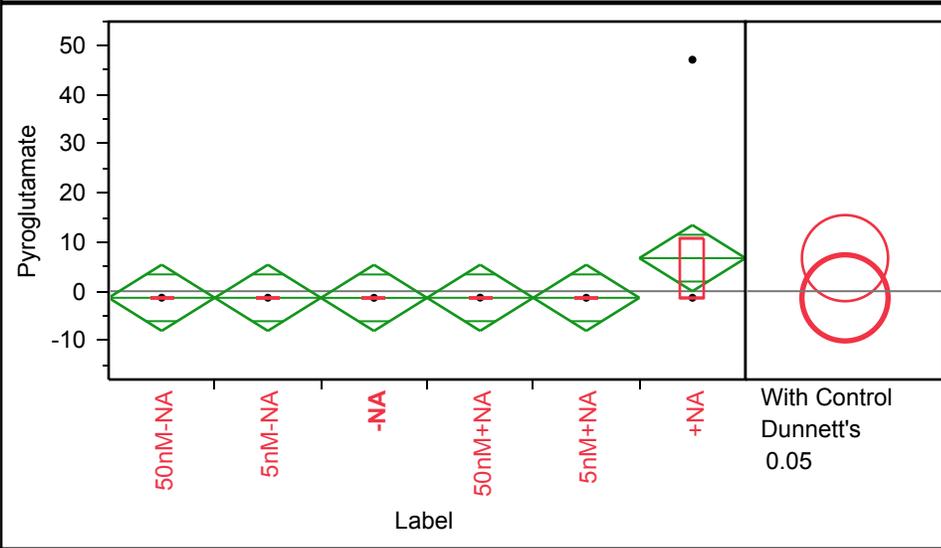
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.23137	0.26250	-0.7675	0.30473
5nM-NA	6	0.45966	0.26250	-0.0764	0.99576
-NA	6	0.34124	0.26250	-0.1949	0.87734
50nM+NA	6	-0.39063	0.26250	-0.9267	0.14547
5nM+NA	6	0.16112	0.26250	-0.3750	0.69722
+NA	6	-0.34002	0.26250	-0.8761	0.19608

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Pyroglutamate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.35239	-1.35239	-1.35082	-1.34217	-1.33362	-1.32511	-1.32511
5nM-NA	-1.36094	-1.36094	-1.35335	-1.34344	-1.33717	-1.32914	-1.32914
-NA	-1.36308	-1.36308	-1.36059	-1.35914	-1.35392	-1.34949	-1.34949
50nM+NA	-1.3608	-1.3608	-1.36079	-1.34393	-1.32067	-1.31275	-1.31275
5nM+NA	-1.34875	-1.34875	-1.34785	-1.34671	-1.34287	-1.34006	-1.34006
+NA	-1.35867	-1.35867	-1.35412	-1.34264	10.77417	47.11846	47.11846

Oneway Anova

Summary of Fit

Rsquare	0.142815
Adj Rsquare	-4.88e-5
Root Mean Square Error	8.077655
Mean of Response	-2.78e-8
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	326.1312	65.2262	0.9997	0.4348
Error	30	1957.4553	65.2485		
C. Total	35	2283.5865			

Means for Oneway Anova

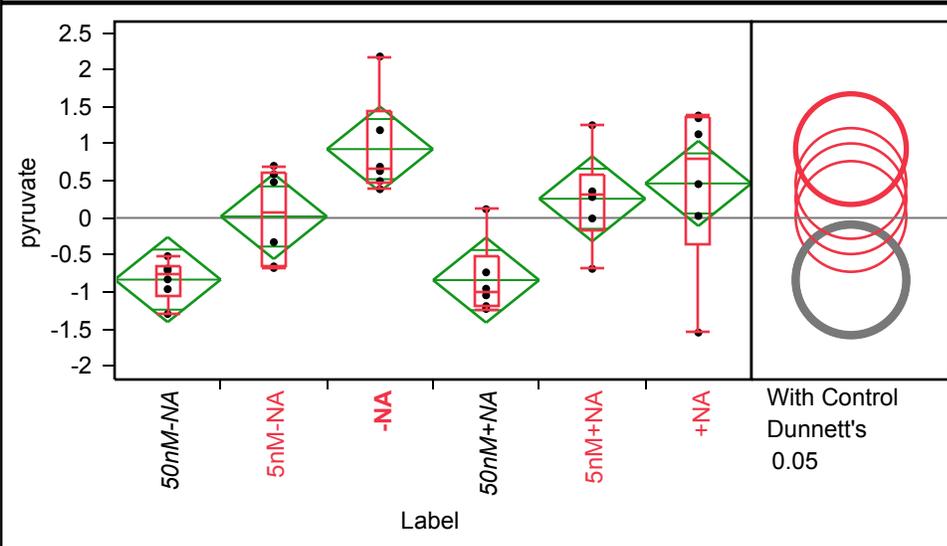
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.3414	3.2977	-8.076	5.393
5nM-NA	6	-1.3446	3.2977	-8.079	5.390
-NA	6	-1.3577	3.2977	-8.092	5.377
50nM+NA	6	-1.3409	3.2977	-8.076	5.394
5nM+NA	6	-1.3456	3.2977	-8.080	5.389
+NA	6	6.7302	3.2977	-0.0046	13.465

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of pyruvate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.29624	-1.29624	-1.0452	-0.76858	-0.64175	-0.51627	-0.51627
5nM-NA	-0.67587	-0.67587	-0.65976	0.078146	0.617025	0.702632	0.702632
-NA	0.387943	0.387943	0.469669	0.661469	1.432757	2.178318	2.178318
50nM+NA	-1.2284	-1.2284	-1.19992	-1.00031	-0.52178	0.117766	0.117766
5nM+NA	-0.68714	-0.68714	-0.17746	0.319419	0.581307	1.250071	1.250071
+NA	-1.54742	-1.54742	-0.36693	0.792507	1.354652	1.381439	1.381439

Oneway Anova

Summary of Fit

Rsquare	0.517854
Adj Rsquare	0.437497
Root Mean Square Error	0.68818
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	15.260007	3.05200	6.4444	0.0004 *
Error	30	14.207745	0.47359		
C. Total	35	29.467753			

Means for Oneway Anova

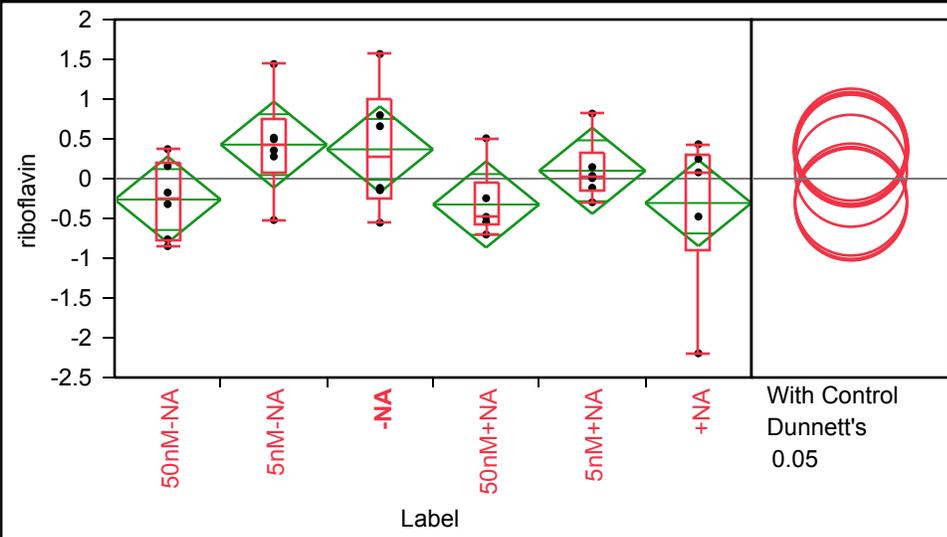
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.83246	0.28095	-1.406	-0.259
5nM-NA	6	0.01952	0.28095	-0.554	0.593
-NA	6	0.92839	0.28095	0.355	1.502
50nM+NA	6	-0.83944	0.28095	-1.413	-0.266
5nM+NA	6	0.25876	0.28095	-0.315	0.833
+NA	6	0.46522	0.28095	-0.109	1.039

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of riboflavin By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.84942	-0.84942	-0.78472	-0.24765	0.211871	0.371273	0.371273
5nM-NA	-0.51995	-0.51995	0.07864	0.425552	0.74631	1.440585	1.440585
-NA	-0.55408	-0.55408	-0.24815	0.271815	0.990314	1.566474	1.566474
50nM+NA	-0.7022	-0.7022	-0.58343	-0.48249	-0.05799	0.507374	0.507374
5nM+NA	-0.2967	-0.2967	-0.15998	0.020783	0.313513	0.818381	0.818381
+NA	-2.19603	-2.19603	-0.90674	0.075172	0.296213	0.433065	0.433065

Oneway Anova

Summary of Fit

Rsquare	0.220932
Adj Rsquare	0.091087
Root Mean Square Error	0.648713
Mean of Response	-5.6e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	3.580207	0.716041	1.7015	0.1647
Error	30	12.624846	0.420828		
C. Total	35	16.205053			

Means for Oneway Anova

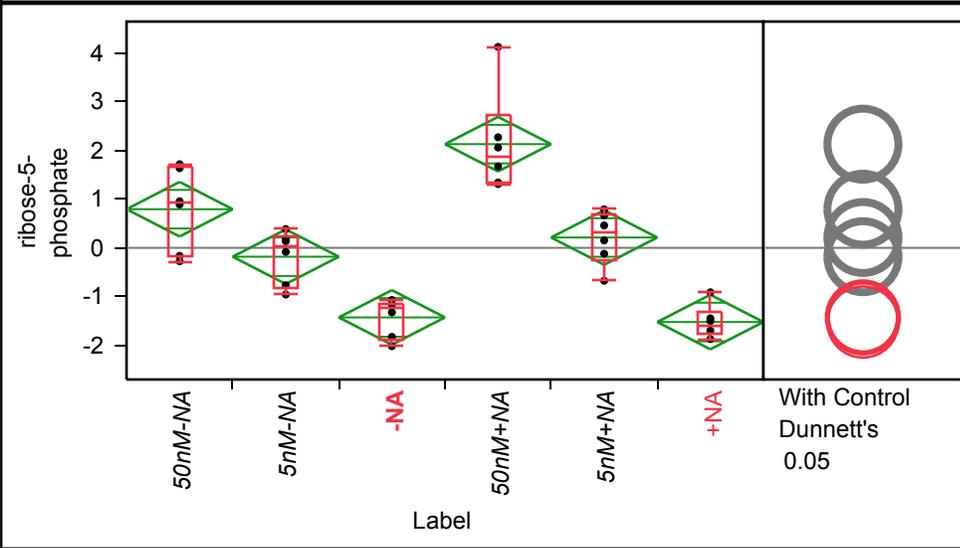
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.26298	0.26484	-0.8038	0.27789
5nM-NA	6	0.42747	0.26484	-0.1134	0.96833
-NA	6	0.36802	0.26484	-0.1728	0.90888
50nM+NA	6	-0.32502	0.26484	-0.8659	0.21585
5nM+NA	6	0.09901	0.26484	-0.4419	0.63988
+NA	6	-0.30650	0.26484	-0.8474	0.23437

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of ribose-5-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.27581	-0.27581	-0.19197	0.922658	1.655226	1.716226	1.716226
5nM-NA	-0.95844	-0.95844	-0.81508	0.026119	0.242212	0.383851	0.383851
-NA	-2.01872	-2.01872	-1.87541	-1.24699	-1.13818	-1.06908	-1.06908
50nM+NA	1.308132	1.308132	1.332259	1.864634	2.732473	4.12368	4.12368
5nM+NA	-0.67468	-0.67468	-0.25942	0.305554	0.698301	0.789853	0.789853
+NA	-1.87289	-1.87289	-1.74361	-1.60048	-1.31385	-0.9125	-0.9125

Oneway Anova

Summary of Fit

Rsquare	0.809638
Adj Rsquare	0.777911
Root Mean Square Error	0.671705
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	57.569161	11.5138	25.5189	<.0001 *
Error	30	13.535636	0.4512		
C. Total	35	71.104797			

Means for Oneway Anova

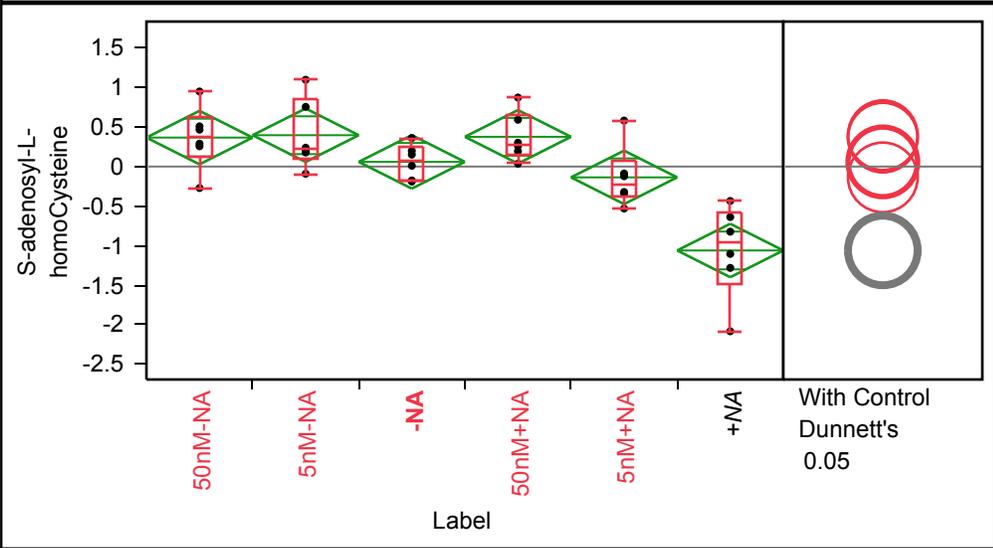
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.7928	0.27422	0.233	1.353
5nM-NA	6	-0.1824	0.27422	-0.742	0.378
-NA	6	-1.4284	0.27422	-1.988	-0.868
50nM+NA	6	2.1284	0.27422	1.568	2.688
5nM+NA	6	0.2122	0.27422	-0.348	0.772
+NA	6	-1.5224	0.27422	-2.082	-0.962

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of S-adenosyl-L-homoCysteine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.27162	-0.27162	0.124768	0.377743	0.618435	0.948932	0.948932
5nM-NA	-0.09083	-0.09083	0.110726	0.219301	0.840427	1.097526	1.097526
-NA	-0.18976	-0.18976	-0.17913	0.080312	0.239159	0.361099	0.361099
50nM+NA	0.035687	0.035687	0.153718	0.281262	0.661905	0.872448	0.872448
5nM+NA	-0.53072	-0.53072	-0.38727	-0.22202	0.079541	0.581545	0.581545
+NA	-2.08286	-2.08286	-1.48175	-0.96405	-0.58747	-0.43521	-0.43521

Oneway Anova

Summary of Fit

Rsquare	0.657798
Adj Rsquare	0.600764
Root Mean Square Error	0.405504
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.482468	1.89649	11.5335	<.0001 *
Error	30	4.933004	0.16443		
C. Total	35	14.415472			

Means for Oneway Anova

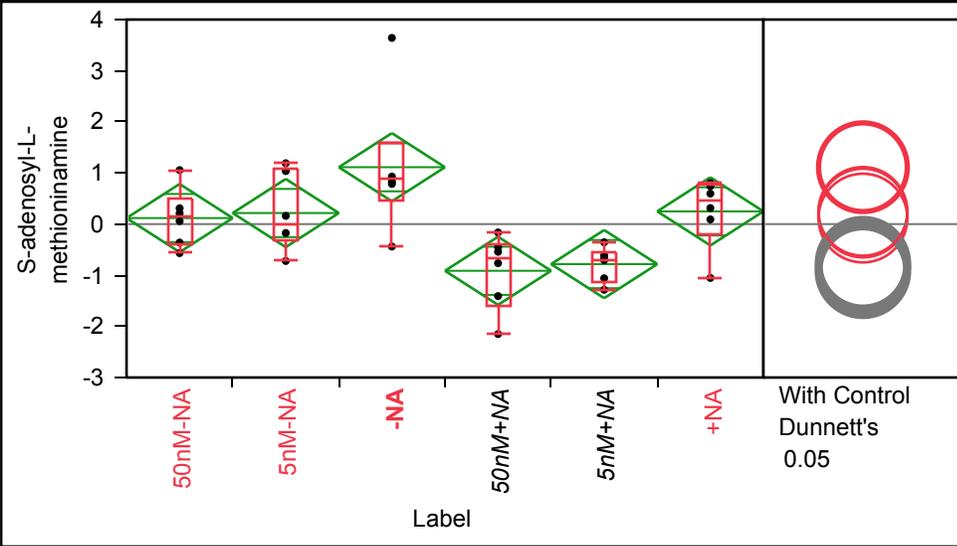
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.3663	0.16555	0.028	0.7044
5nM-NA	6	0.3963	0.16555	0.058	0.7344
-NA	6	0.0591	0.16555	-0.279	0.3972
50nM+NA	6	0.3759	0.16555	0.038	0.7140
5nM+NA	6	-0.1367	0.16555	-0.475	0.2013
+NA	6	-1.0610	0.16555	-1.399	-0.7229

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of S-adenosyl-L-methioninamine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.56732	-0.56732	-0.41238	0.134853	0.496433	1.055808	1.055808
5nM-NA	-0.7212	-0.7212	-0.32523	-0.00684	1.075006	1.19003	1.19003
-NA	-0.43834	-0.43834	0.47923	0.87931	1.607004	3.641227	3.641227
50nM+NA	-2.14965	-2.14965	-1.59315	-0.65303	-0.37998	-0.16305	-0.16305
5nM+NA	-1.28403	-1.28403	-1.11552	-0.69062	-0.54926	-0.35649	-0.35649
+NA	-1.05293	-1.05293	-0.19462	0.454758	0.756285	0.803024	0.803024

Oneway Anova

Summary of Fit

Rsquare	0.467728
Adj Rsquare	0.379016
Root Mean Square Error	0.799209
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	16.838417	3.36768	5.2724	0.0014 *
Error	30	19.162028	0.63873		
C. Total	35	36.000445			

Means for Oneway Anova

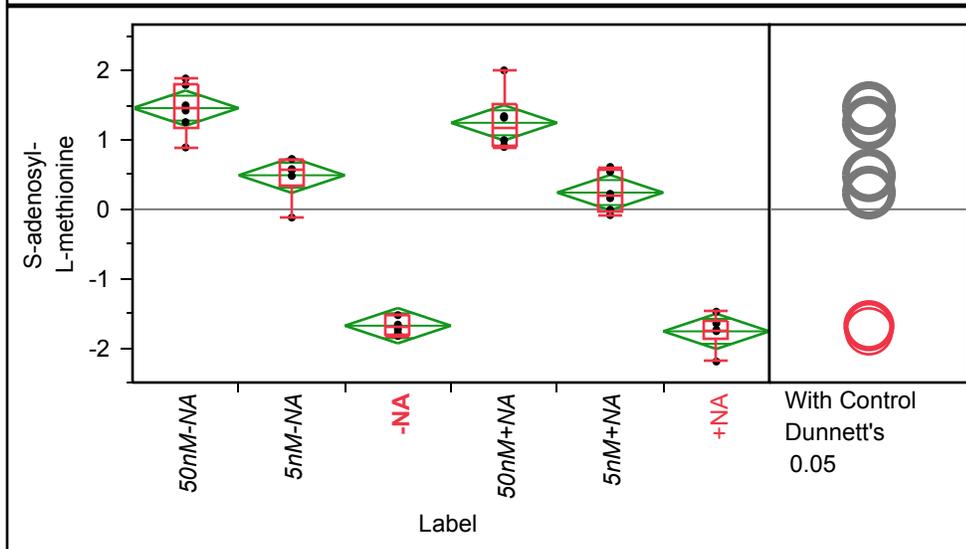
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.1179	0.32628	-0.548	0.784
5nM-NA	6	0.2164	0.32628	-0.450	0.883
-NA	6	1.1126	0.32628	0.446	1.779
50nM+NA	6	-0.9131	0.32628	-1.579	-0.247
5nM+NA	6	-0.7824	0.32628	-1.449	-0.116
+NA	6	0.2486	0.32628	-0.418	0.915

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of S-adenosyl-L-methionine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.892936	0.892936	1.167066	1.463023	1.818878	1.88829	1.88829
5nM-NA	-0.11938	-0.11938	0.331596	0.571816	0.71792	0.726332	0.726332
-NA	-1.82686	-1.82686	-1.79896	-1.69843	-1.53643	-1.52748	-1.52748
50nM+NA	0.899371	0.899371	0.915422	1.160153	1.509943	2.005553	2.005553
5nM+NA	-0.0838	-0.0838	-0.02574	0.192143	0.560195	0.611283	0.611283
+NA	-2.19729	-2.19729	-1.86862	-1.74363	-1.60438	-1.47793	-1.47793

Oneway Anova

Summary of Fit

Rsquare	0.955085
Adj Rsquare	0.947599
Root Mean Square Error	0.305384
Mean of Response	2.78e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	59.492950	11.8986	127.5858	<.0001 *
Error	30	2.797786	0.0933		
C. Total	35	62.290736			

Means for Oneway Anova

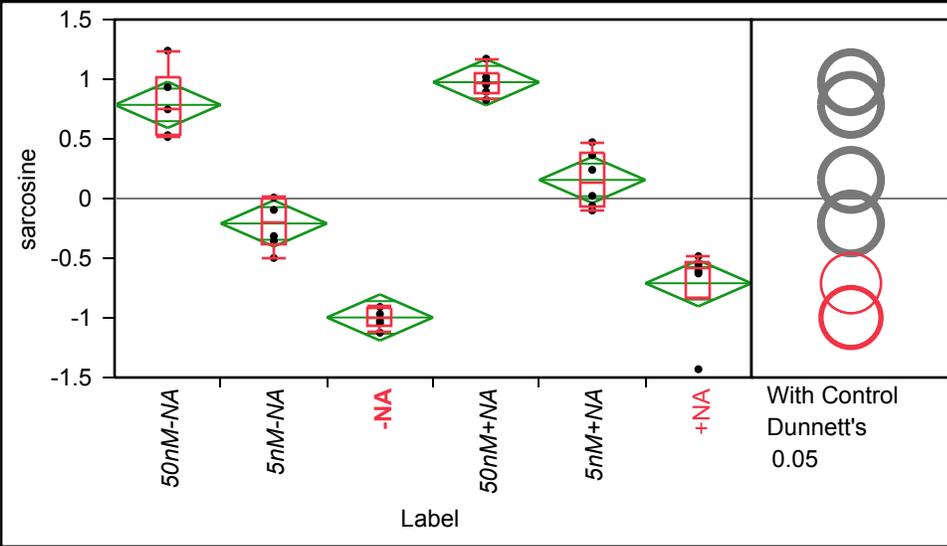
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.4602	0.12467	1.206	1.715
5nM-NA	6	0.4913	0.12467	0.237	0.746
-NA	6	-1.6800	0.12467	-1.935	-1.425
50nM+NA	6	1.2485	0.12467	0.994	1.503
5nM+NA	6	0.2414	0.12467	-0.013	0.496
+NA	6	-1.7613	0.12467	-2.016	-1.507

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of sarcosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.515654	0.515654	0.526971	0.745606	1.009568	1.239164	1.239164
5nM-NA	-0.49816	-0.49816	-0.39093	-0.20492	0.002713	0.008469	0.008469
-NA	-1.12466	-1.12466	-1.0653	-0.99635	-0.91007	-0.90832	-0.90832
50nM+NA	0.825332	0.825332	0.877911	0.969126	1.057009	1.171985	1.171985
5nM+NA	-0.10014	-0.10014	-0.07083	0.131454	0.390166	0.471782	0.471782
+NA	-1.43059	-1.43059	-0.8286	-0.58311	-0.53488	-0.48341	-0.48341

Oneway Anova

Summary of Fit

Rsquare	0.921082
Adj Rsquare	0.907929
Root Mean Square Error	0.231698
Mean of Response	-5.6e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	18.797010	3.75940	70.0282	<.0001 *
Error	30	1.610523	0.05368		
C. Total	35	20.407533			

Means for Oneway Anova

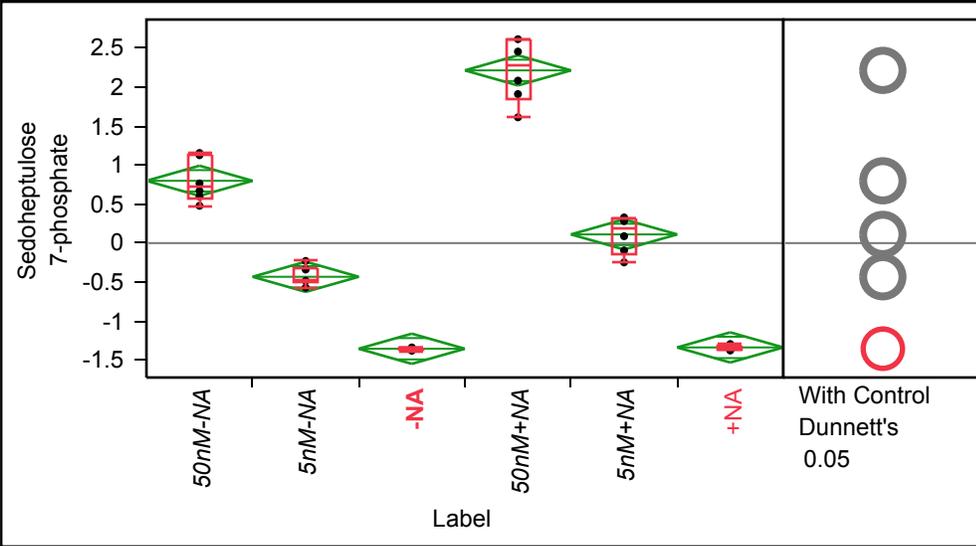
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.78497	0.09459	0.592	0.978
5nM-NA	6	-0.20899	0.09459	-0.402	-0.016
-NA	6	-0.99697	0.09459	-1.190	-0.804
50nM+NA	6	0.97495	0.09459	0.782	1.168
5nM+NA	6	0.15608	0.09459	-0.037	0.349
+NA	6	-0.71003	0.09459	-0.903	-0.517

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Sedoheptulose 7-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.478688	0.478688	0.568123	0.717802	1.135072	1.156223	1.156223
5nM-NA	-0.57117	-0.57117	-0.50702	-0.48434	-0.3117	-0.22919	-0.22919
-NA	-1.38123	-1.38123	-1.3705	-1.35381	-1.34078	-1.33931	-1.33931
50nM+NA	1.614224	1.614224	1.837646	2.271085	2.61454	2.616759	2.616759
5nM+NA	-0.24742	-0.24742	-0.13259	0.185391	0.315088	0.329218	0.329218
+NA	-1.3785	-1.3785	-1.37362	-1.33847	-1.30696	-1.29587	-1.29587

Oneway Anova

Summary of Fit

Rsquare	0.972048
Adj Rsquare	0.96739
Root Mean Square Error	0.2323
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	56.298573	11.2597	208.6557	<.0001 *
Error	30	1.618894	0.0540		
C. Total	35	57.917466			

Means for Oneway Anova

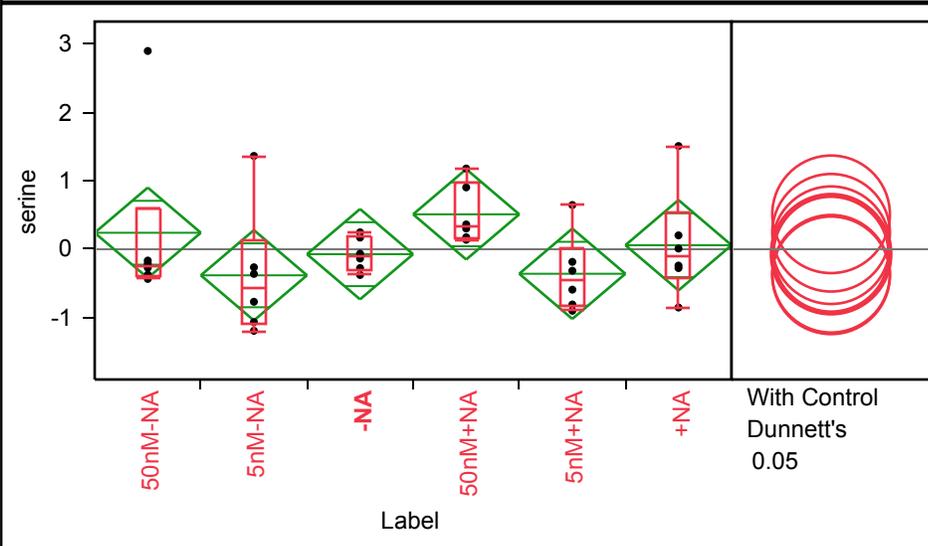
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.7994	0.09484	0.606	0.993
5nM-NA	6	-0.4323	0.09484	-0.626	-0.239
-NA	6	-1.3561	0.09484	-1.550	-1.162
50nM+NA	6	2.2165	0.09484	2.023	2.410
5nM+NA	6	0.1114	0.09484	-0.082	0.305
+NA	6	-1.3390	0.09484	-1.533	-1.145

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of serine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.4334	-0.4334	-0.38687	-0.24036	0.599907	2.895512	2.895512
5nM-NA	-1.19091	-1.19091	-1.09558	-0.56369	0.143071	1.362679	1.362679
-NA	-0.37563	-0.37563	-0.29998	-0.09951	0.189795	0.247586	0.247586
50nM+NA	0.139118	0.139118	0.166225	0.332263	0.972137	1.178513	1.178513
5nM+NA	-0.89818	-0.89818	-0.82955	-0.45184	0.023427	0.645867	0.645867
+NA	-0.85081	-0.85081	-0.4191	-0.11416	0.528842	1.506914	1.506914

Oneway Anova

Summary of Fit

Rsquare	0.160773
Adj Rsquare	0.020902
Root Mean Square Error	0.791226
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	3.597966	0.719593	1.1494	0.3566
Error	30	18.781177	0.626039		
C. Total	35	22.379143			

Means for Oneway Anova

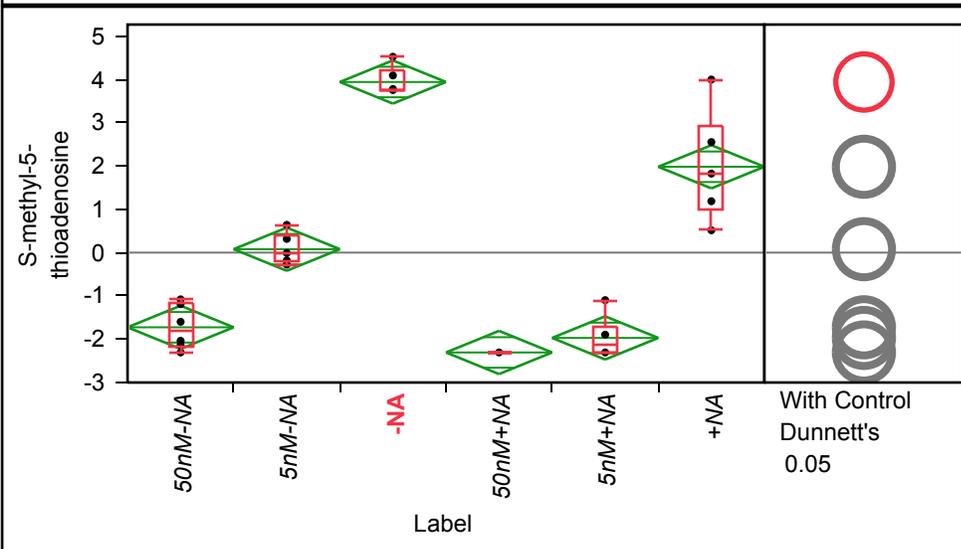
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.24079	0.32302	-0.419	0.9005
5nM-NA	6	-0.38048	0.32302	-1.040	0.2792
-NA	6	-0.07188	0.32302	-0.732	0.5878
50nM+NA	6	0.51013	0.32302	-0.150	1.1698
5nM+NA	6	-0.35779	0.32302	-1.017	0.3019
+NA	6	0.05923	0.32302	-0.600	0.7189

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of S-methyl-5-thioadenosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-2.30605	-2.30605	-2.18061	-1.81741	-1.16312	-1.08015	-1.08015
5nM-NA	-0.27768	-0.27768	-0.20465	-0.01276	0.397849	0.64082	0.64082
-NA	3.731959	3.731959	3.748611	3.769813	4.19938	4.52303	4.52303
50nM+NA	-2.30606	-2.30606	-2.30605	-2.30604	-2.30602	-2.30602	-2.30602
5nM+NA	-2.30605	-2.30605	-2.30604	-2.10787	-1.69599	-1.09813	-1.09813
+NA	0.516094	0.516094	1.018509	1.821133	2.913863	3.99621	3.99621

Oneway Anova

Summary of Fit

Rsquare	0.946489
Adj Rsquare	0.93757
Root Mean Square Error	0.598087
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	189.81061	37.9621	106.1262	<.0001 *
Error	30	10.73123	0.3577		
C. Total	35	200.54183			

Means for Oneway Anova

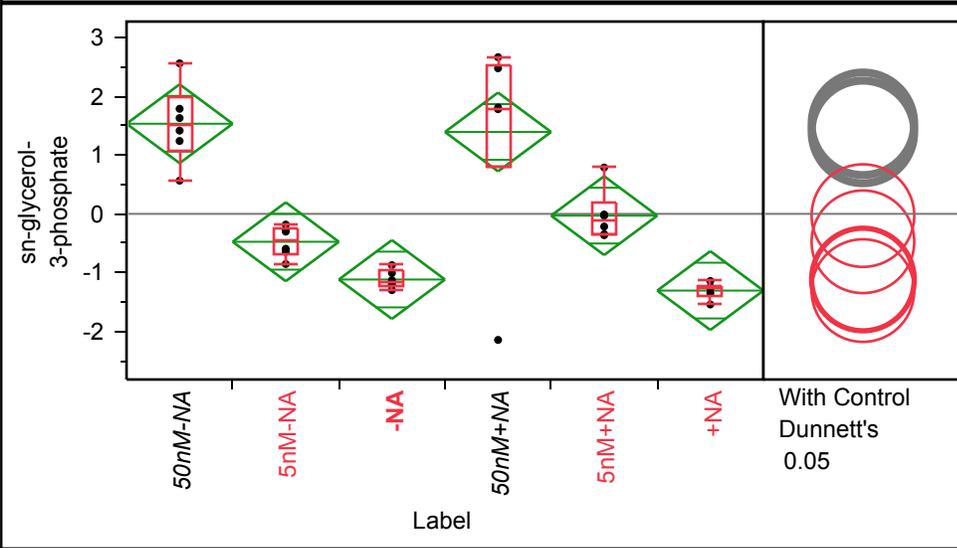
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.7251	0.24417	-2.224	-1.226
5nM-NA	6	0.0790	0.24417	-0.420	0.578
-NA	6	3.9400	0.24417	3.441	4.439
50nM+NA	6	-2.3060	0.24417	-2.805	-1.807
5nM+NA	6	-1.9702	0.24417	-2.469	-1.472
+NA	6	1.9823	0.24417	1.484	2.481

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of sn-glycerol-3-phosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.565834	0.565834	1.072402	1.524288	1.982651	2.563416	2.563416
5nM-NA	-0.85367	-0.85367	-0.69989	-0.44836	-0.24865	-0.18271	-0.18271
-NA	-1.29876	-1.29876	-1.23522	-1.15687	-0.97371	-0.87299	-0.87299
50nM+NA	-2.14679	-2.14679	0.794685	1.796583	2.526011	2.667695	2.667695
5nM+NA	-0.36287	-0.36287	-0.34981	-0.12408	0.188988	0.788942	0.788942
+NA	-1.54324	-1.54324	-1.39936	-1.27738	-1.22013	-1.1433	-1.1433

Oneway Anova

Summary of Fit

Rsquare	0.697787
Adj Rsquare	0.647418
Root Mean Square Error	0.805122
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	44.900765	8.98015	13.8535	<.0001 *
Error	30	19.446658	0.64822		
C. Total	35	64.347423			

Means for Oneway Anova

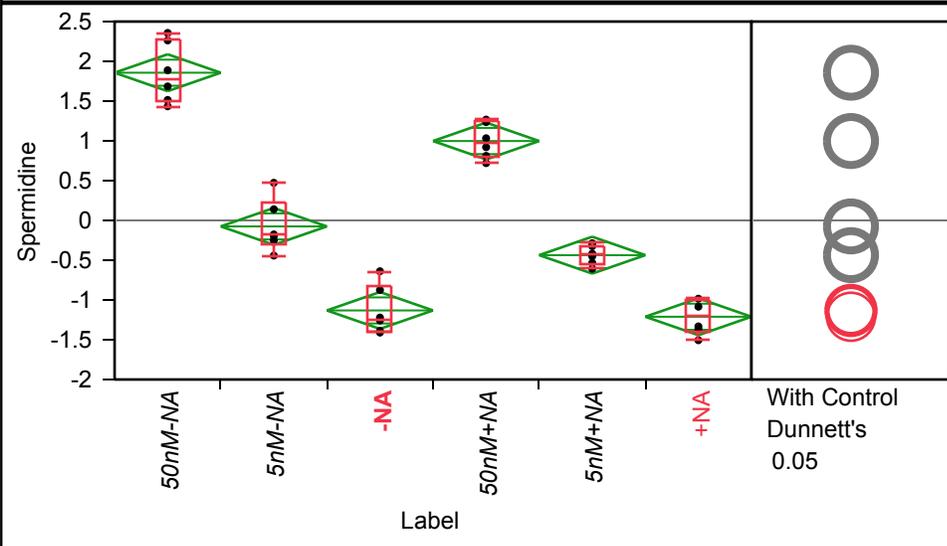
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.5347	0.32869	0.863	2.206
5nM-NA	6	-0.4754	0.32869	-1.147	0.196
-NA	6	-1.1178	0.32869	-1.789	-0.447
50nM+NA	6	1.3947	0.32869	0.723	2.066
5nM+NA	6	-0.0298	0.32869	-0.701	0.642
+NA	6	-1.3064	0.32869	-1.978	-0.635

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Spermidine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	1.434964	1.434964	1.494392	1.785927	2.286584	2.356894	2.356894
5nM-NA	-0.44217	-0.44217	-0.29921	-0.18602	0.223392	0.472794	0.472794
-NA	-1.40986	-1.40986	-1.3935	-1.23949	-0.81604	-0.6392	-0.6392
50nM+NA	0.720422	0.720422	0.788359	0.976708	1.243664	1.267491	1.267491
5nM+NA	-0.60722	-0.60722	-0.55163	-0.43459	-0.31423	-0.28682	-0.28682
+NA	-1.50593	-1.50593	-1.4034	-1.2085	-0.98784	-0.98453	-0.98453

Oneway Anova

Summary of Fit

Rsquare	0.950266
Adj Rsquare	0.941978
Root Mean Square Error	0.278081
Mean of Response	-5.56e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	44.325992	8.86520	114.6429	<.0001 *
Error	30	2.319865	0.07733		
C. Total	35	46.645857			

Means for Oneway Anova

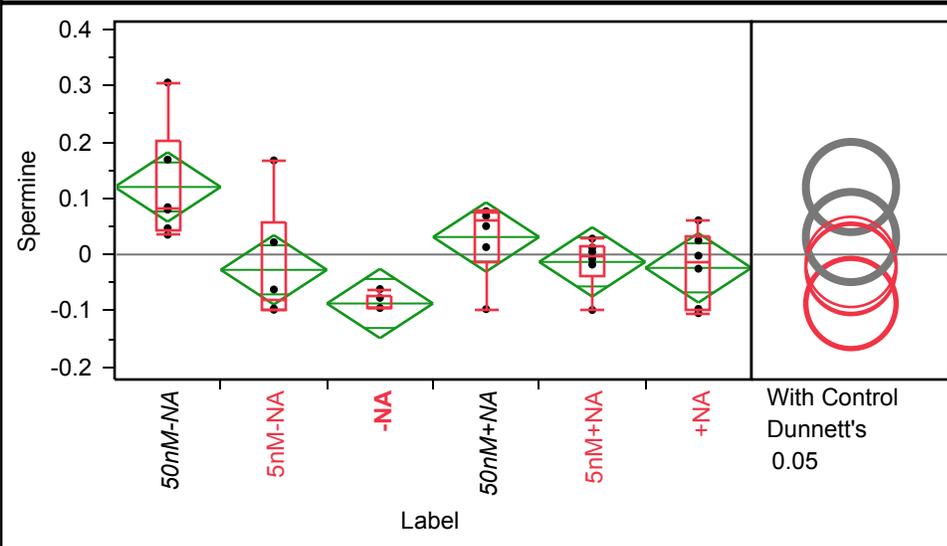
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.8568	0.11353	1.625	2.089
5nM-NA	6	-0.0755	0.11353	-0.307	0.156
-NA	6	-1.1318	0.11353	-1.364	-0.900
50nM+NA	6	0.9980	0.11353	0.766	1.230
5nM+NA	6	-0.4366	0.11353	-0.668	-0.205
+NA	6	-1.2109	0.11353	-1.443	-0.979

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Spermine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.035177	0.035177	0.043788	0.081927	0.202904	0.305657	0.305657
5nM-NA	-0.0981	-0.0981	-0.09664	-0.0791	0.058152	0.167246	0.167246
-NA	-0.09655	-0.09655	-0.09617	-0.09552	-0.07306	-0.06135	-0.06135
50nM+NA	-0.09707	-0.09707	-0.01441	0.059362	0.075349	0.077014	0.077014
5nM+NA	-0.09861	-0.09861	-0.03808	-0.00153	0.016335	0.028343	0.028343
+NA	-0.10425	-0.10425	-0.09852	-0.01361	0.033895	0.060828	0.060828

Oneway Anova

Summary of Fit

Rsquare	0.472232
Adj Rsquare	0.38427
Root Mean Square Error	0.07387
Mean of Response	-5.6e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.14647575	0.029295	5.3686	0.0012 *
Error	30	0.16370204	0.005457		
C. Total	35	0.31017780			

Means for Oneway Anova

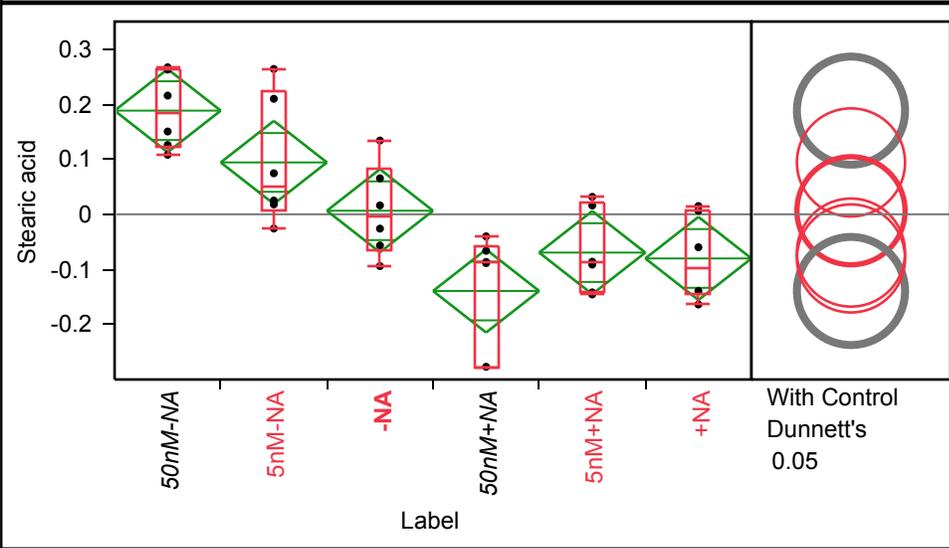
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.12000	0.03016	0.0584	0.1816
5nM-NA	6	-0.02724	0.03016	-0.0888	0.0344
-NA	6	-0.08699	0.03016	-0.1486	-0.0254
50nM+NA	6	0.03110	0.03016	-0.0305	0.0927
5nM+NA	6	-0.01315	0.03016	-0.0747	0.0484
+NA	6	-0.02372	0.03016	-0.0853	0.0379

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Stearic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.108069	0.108069	0.12144	0.18293	0.263818	0.266905	0.266905
5nM-NA	-0.02583	-0.02583	0.007005	0.049741	0.223281	0.263878	0.263878
-NA	-0.09405	-0.09405	-0.06591	-0.00494	0.082537	0.13394	0.13394
50nM+NA	-0.27702	-0.27702	-0.27694	-0.0876	-0.05975	-0.04006	-0.04006
5nM+NA	-0.14554	-0.14554	-0.14274	-0.08869	0.019883	0.031673	0.031673
+NA	-0.16379	-0.16379	-0.14577	-0.09948	0.008597	0.015032	0.015032

Oneway Anova

Summary of Fit

Rsquare	0.647079
Adj Rsquare	0.588259
Root Mean Square Error	0.090453
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.45003864	0.090008	11.0010	<.0001 *
Error	30	0.24545372	0.008182		
C. Total	35	0.69549236			

Means for Oneway Anova

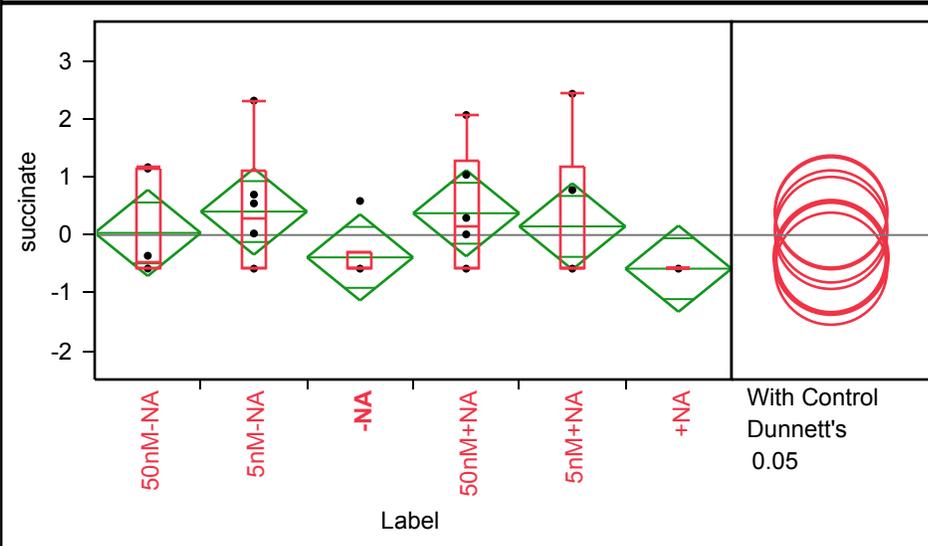
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.18825	0.03693	0.1128	0.2637
5nM-NA	6	0.09420	0.03693	0.0188	0.1696
-NA	6	0.00648	0.03693	-0.0689	0.0819
50nM+NA	6	-0.13925	0.03693	-0.2147	-0.0638
5nM+NA	6	-0.06952	0.03693	-0.1449	0.0059
+NA	6	-0.08017	0.03693	-0.1556	-0.0048

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of succinate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.5814	-0.5814	-0.58129	-0.46866	1.153699	1.171845	1.171845
5nM-NA	-0.58119	-0.58119	-0.58118	0.286904	1.104726	2.322371	2.322371
-NA	-0.58128	-0.58128	-0.58122	-0.58117	-0.28865	0.588637	0.588637
50nM+NA	-0.58133	-0.58133	-0.58133	0.153704	1.299436	2.074219	2.074219
5nM+NA	-0.5814	-0.5814	-0.58137	-0.58121	1.193406	2.441066	2.441066
+NA	-0.58203	-0.58203	-0.5816	-0.58126	-0.58124	-0.58123	-0.58123

Oneway Anova

Summary of Fit

Rsquare	0.170113
Adj Rsquare	0.031798
Root Mean Square Error	0.89282
Mean of Response	8.33e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.901921	0.980384	1.2299	0.3197
Error	30	23.913835	0.797128		
C. Total	35	28.815755			

Means for Oneway Anova

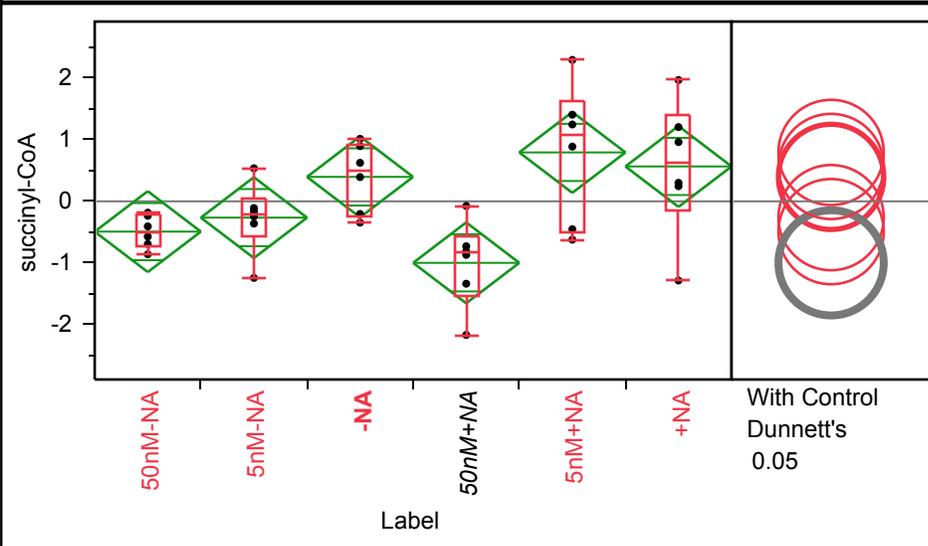
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.03659	0.36449	-0.708	0.7810
5nM-NA	6	0.40544	0.36449	-0.339	1.1498
-NA	6	-0.38621	0.36449	-1.131	0.3582
50nM+NA	6	0.37669	0.36449	-0.368	1.1211
5nM+NA	6	0.14890	0.36449	-0.595	0.8933
+NA	6	-0.58141	0.36449	-1.326	0.1630

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of succinyl-CoA By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.85943	-0.85943	-0.7351	-0.48941	-0.22215	-0.18394	-0.18394
5nM-NA	-1.24289	-1.24289	-0.58203	-0.20545	0.05241	0.535638	0.535638
-NA	-0.34566	-0.34566	-0.24001	0.508779	0.92531	1.01415	1.01415
50nM+NA	-2.16759	-2.16759	-1.54458	-0.8411	-0.56554	-0.07508	-0.07508
5nM+NA	-0.6216	-0.6216	-0.49486	1.066945	1.627643	2.294303	2.294303
+NA	-1.28477	-1.28477	-0.13727	0.630904	1.394883	1.967444	1.967444

Oneway Anova

Summary of Fit

Rsquare	0.438335
Adj Rsquare	0.344725
Root Mean Square Error	0.786697
Mean of Response	8.33e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	14.489902	2.89798	4.6825	0.0028 *
Error	30	18.566759	0.61889		
C. Total	35	33.056662			

Means for Oneway Anova

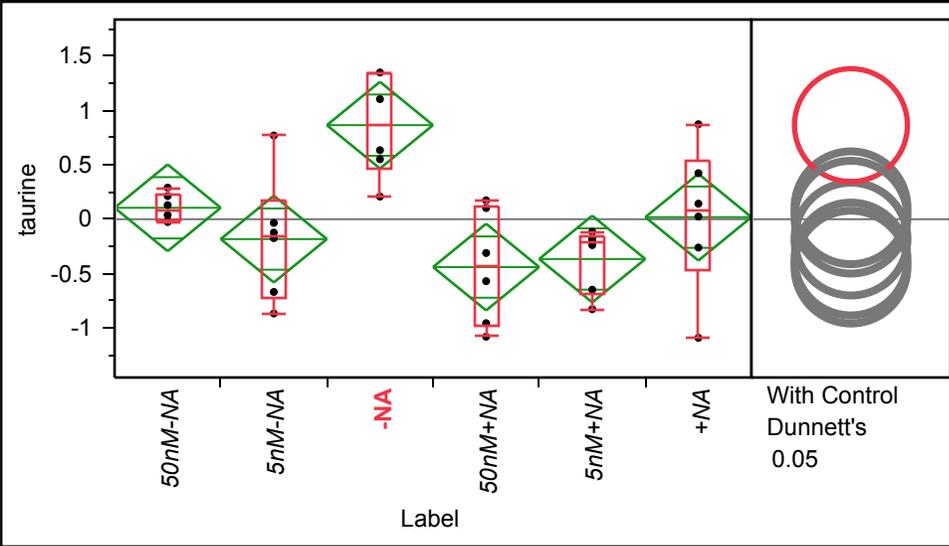
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.49179	0.32117	-1.148	0.164
5nM-NA	6	-0.26476	0.32117	-0.921	0.391
-NA	6	0.39616	0.32117	-0.260	1.052
50nM+NA	6	-0.99847	0.32117	-1.654	-0.343
5nM+NA	6	0.79323	0.32117	0.137	1.449
+NA	6	0.56562	0.32117	-0.090	1.222

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of taurine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.02562	-0.02562	-0.01814	0.0839	0.232259	0.290243	0.290243
5nM-NA	-0.86663	-0.86663	-0.71823	-0.1483	0.167176	0.769805	0.769805
-NA	0.207857	0.207857	0.466182	0.869531	1.343458	1.349467	1.349467
50nM+NA	-1.08042	-1.08042	-0.98722	-0.44024	0.120682	0.173723	0.173723
5nM+NA	-0.82758	-0.82758	-0.69308	-0.21467	-0.16099	-0.11526	-0.11526
+NA	-1.09056	-1.09056	-0.46814	0.083642	0.535911	0.873678	0.873678

Oneway Anova

Summary of Fit

Rsquare	0.494985
Adj Rsquare	0.410815
Root Mean Square Error	0.478203
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	6.724081	1.34482	5.8808	0.0007 *
Error	30	6.860341	0.22868		
C. Total	35	13.584421			

Means for Oneway Anova

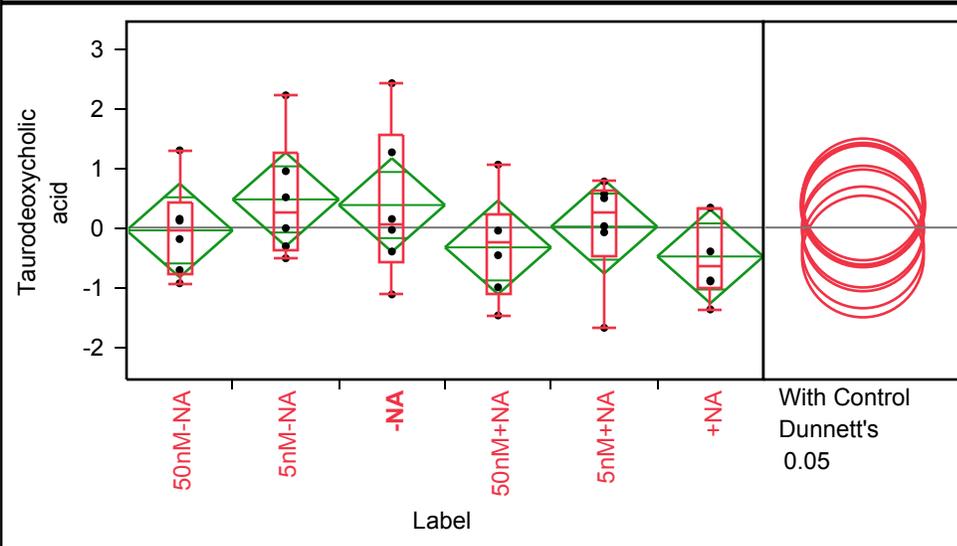
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.10495	0.19523	-0.2938	0.504
5nM-NA	6	-0.18265	0.19523	-0.5814	0.216
-NA	6	0.86502	0.19523	0.4663	1.264
50nM+NA	6	-0.44006	0.19523	-0.8388	-0.041
5nM+NA	6	-0.36611	0.19523	-0.7648	0.033
+NA	6	0.01884	0.19523	-0.3799	0.418

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Taurodeoxycholic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.93338	-0.93338	-0.76706	-0.03853	0.432708	1.293274	1.293274
5nM-NA	-0.51455	-0.51455	-0.36362	0.248243	1.261925	2.214313	2.214313
-NA	-1.1201	-1.1201	-0.581	0.052118	1.54917	2.417607	2.417607
50nM+NA	-1.47195	-1.47195	-1.11775	-0.26076	0.224845	1.052753	1.052753
5nM+NA	-1.67941	-1.67941	-0.4802	0.257736	0.61678	0.771452	0.771452
+NA	-1.37149	-1.37149	-1.01958	-0.64287	0.323724	0.333762	0.333762

Oneway Anova

Summary of Fit

Rsquare	0.138797
Adj Rsquare	-0.00474
Root Mean Square Error	0.939363
Mean of Response	-5.6e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	4.266399	0.853280	0.9670	0.4536
Error	30	26.472105	0.882404		
C. Total	35	30.738505			

Means for Oneway Anova

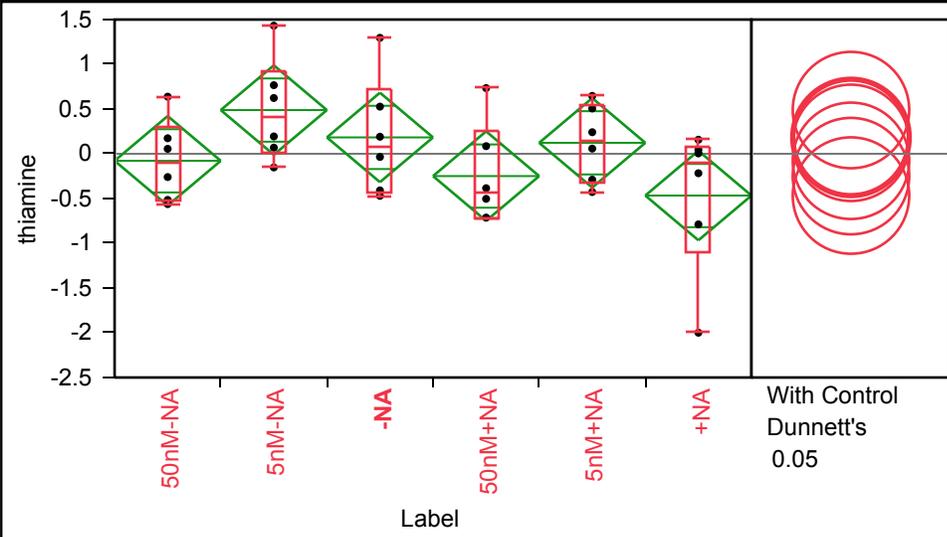
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.04716	0.38349	-0.830	0.7360
5nM-NA	6	0.47123	0.38349	-0.312	1.2544
-NA	6	0.37669	0.38349	-0.407	1.1599
50nM+NA	6	-0.33192	0.38349	-1.115	0.4513
5nM+NA	6	0.01538	0.38349	-0.768	0.7986
+NA	6	-0.48423	0.38349	-1.267	0.2990

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of thiamine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.56206	-0.56206	-0.5271	-0.10237	0.289659	0.637949	0.637949
5nM-NA	-0.15249	-0.15249	0.013563	0.408701	0.93275	1.431363	1.431363
-NA	-0.46981	-0.46981	-0.42452	0.07764	0.718954	1.295683	1.295683
50nM+NA	-0.71366	-0.71366	-0.713	-0.44395	0.247378	0.733857	0.733857
5nM+NA	-0.42732	-0.42732	-0.32374	0.149526	0.541473	0.646879	0.646879
+NA	-1.99922	-1.99922	-1.09167	-0.10638	0.07247	0.156909	0.156909

Oneway Anova

Summary of Fit

Rsquare	0.241865
Adj Rsquare	0.115509
Root Mean Square Error	0.599519
Mean of Response	-8.3e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	3.439965	0.687993	1.9142	0.1214
Error	30	10.782693	0.359423		
C. Total	35	14.222658			

Means for Oneway Anova

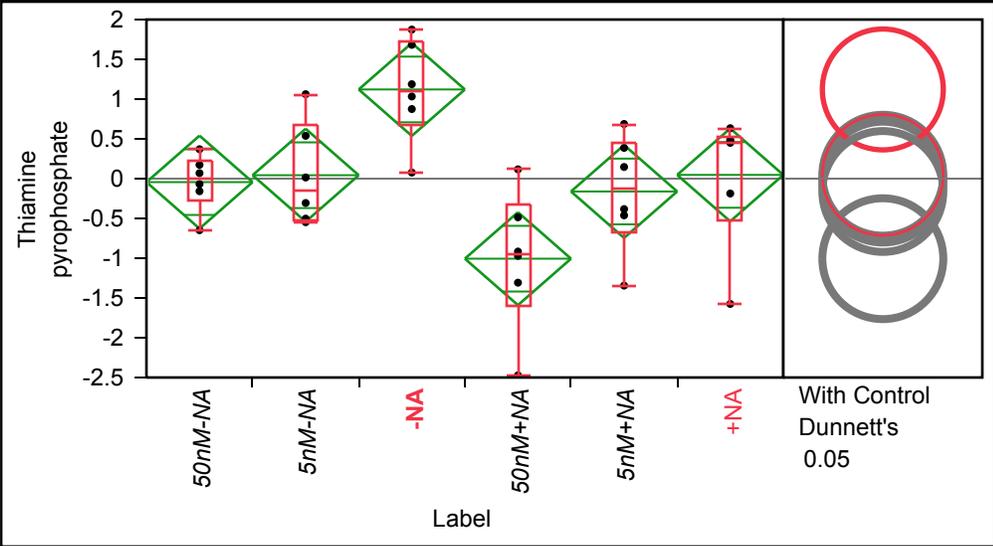
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.07845	0.24475	-0.5783	0.42140
5nM-NA	6	0.48862	0.24475	-0.0112	0.98847
-NA	6	0.18307	0.24475	-0.3168	0.68292
50nM+NA	6	-0.24921	0.24475	-0.7491	0.25064
5nM+NA	6	0.12262	0.24475	-0.3772	0.62247
+NA	6	-0.46665	0.24475	-0.9665	0.03320

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Thiamine pyrophosphate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.64848	-0.64848	-0.28078	0.000494	0.222773	0.369871	0.369871
5nM-NA	-0.5476	-0.5476	-0.514	-0.14576	0.669296	1.061585	1.061585
-NA	0.076468	0.076468	0.675339	1.110067	1.730078	1.873801	1.873801
50nM+NA	-2.473	-2.473	-1.59925	-0.94374	-0.33531	0.116909	0.116909
5nM+NA	-1.34461	-1.34461	-0.68207	-0.1181	0.461731	0.687201	0.687201
+NA	-1.5749	-1.5749	-0.53406	0.460211	0.525736	0.634288	0.634288

Oneway Anova

Summary of Fit

Rsquare	0.484167
Adj Rsquare	0.398195
Root Mean Square Error	0.700336
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	13.810865	2.76217	5.6317	0.0009 *
Error	30	14.714111	0.49047		
C. Total	35	28.524976			

Means for Oneway Anova

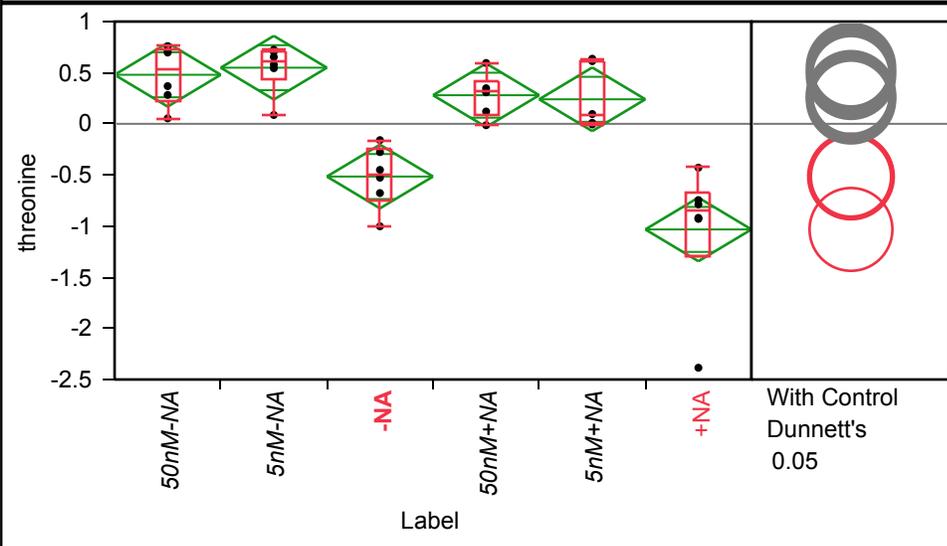
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.0437	0.28591	-0.628	0.540
5nM-NA	6	0.0430	0.28591	-0.541	0.627
-NA	6	1.1213	0.28591	0.537	1.705
50nM+NA	6	-1.0063	0.28591	-1.590	-0.422
5nM+NA	6	-0.1614	0.28591	-0.745	0.423
+NA	6	0.0470	0.28591	-0.537	0.631

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of threonine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.053458	0.053458	0.225107	0.53281	0.728416	0.757369	0.757369
5nM-NA	0.086544	0.086544	0.429257	0.616072	0.710496	0.725106	0.725106
-NA	-1.00226	-1.00226	-0.7584	-0.48866	-0.24713	-0.15946	-0.15946
50nM+NA	-0.01363	-0.01363	0.08704	0.314368	0.409646	0.594901	0.594901
5nM+NA	-0.00582	-0.00582	0.006397	0.092446	0.618658	0.636386	0.636386
+NA	-2.38491	-2.38491	-1.29329	-0.853	-0.66652	-0.42913	-0.42913

Oneway Anova

Summary of Fit

Rsquare	0.741686
Adj Rsquare	0.698633
Root Mean Square Error	0.373126
Mean of Response	0
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	11.992300	2.39846	17.2275	<.0001 *
Error	30	4.176681	0.13922		
C. Total	35	16.168982			

Means for Oneway Anova

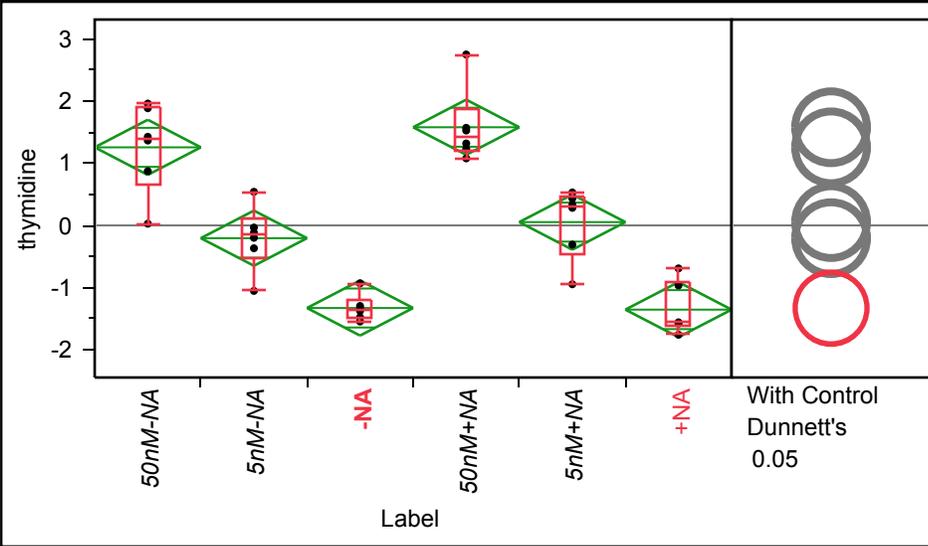
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.4796	0.15233	0.168	0.7907
5nM-NA	6	0.5488	0.15233	0.238	0.8599
-NA	6	-0.5154	0.15233	-0.827	-0.2043
50nM+NA	6	0.2798	0.15233	-0.031	0.5908
5nM+NA	6	0.2398	0.15233	-0.071	0.5509
+NA	6	-1.0325	0.15233	-1.344	-0.7214

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of thymidine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.027931	0.027931	0.660207	1.392875	1.900162	1.956319	1.956319
5nM-NA	-1.05133	-1.05133	-0.53807	-0.15807	0.109302	0.53946	0.53946
-NA	-1.54346	-1.54346	-1.49215	-1.35744	-1.20301	-0.93014	-0.93014
50nM+NA	1.076407	1.076407	1.192145	1.419719	1.861351	2.744561	2.744561
5nM+NA	-0.94463	-0.94463	-0.46787	0.306041	0.456214	0.52888	0.52888
+NA	-1.75543	-1.75543	-1.62052	-1.56368	-0.89598	-0.69047	-0.69047

Oneway Anova

Summary of Fit

Rsquare	0.845018
Adj Rsquare	0.819187
Root Mean Square Error	0.531076
Mean of Response	5.56e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	46.133648	9.22673	32.7141	<.0001 *
Error	30	8.461249	0.28204		
C. Total	35	54.594897			

Means for Oneway Anova

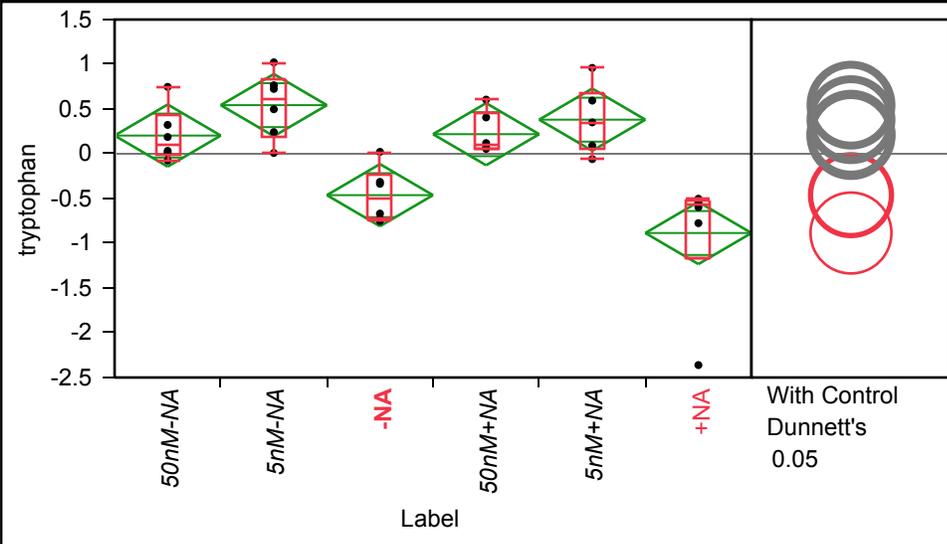
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.2537	0.21681	0.811	1.697
5nM-NA	6	-0.2048	0.21681	-0.648	0.238
-NA	6	-1.3262	0.21681	-1.769	-0.883
50nM+NA	6	1.5763	0.21681	1.134	2.019
5nM+NA	6	0.0532	0.21681	-0.390	0.496
+NA	6	-1.3522	0.21681	-1.795	-0.909

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of tryptophan By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.0751	-0.0751	-0.01395	0.109927	0.428962	0.747655	0.747655
5nM-NA	0.00905	0.00905	0.183872	0.611294	0.829548	1.021918	1.021918
-NA	-0.75257	-0.75257	-0.73199	-0.50173	-0.22993	0.021553	0.021553
50nM+NA	0.0551	0.0551	0.058743	0.094001	0.456159	0.605219	0.605219
5nM+NA	-0.05935	-0.05935	0.054115	0.35061	0.685647	0.959398	0.959398
+NA	-2.36114	-2.36114	-1.17166	-0.56908	-0.52669	-0.50247	-0.50247

Oneway Anova

Summary of Fit

Rsquare	0.637863
Adj Rsquare	0.577506
Root Mean Square Error	0.416482
Mean of Response	-2.8e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.165748	1.83315	10.5683	<.0001 *
Error	30	5.203724	0.17346		
C. Total	35	14.369472			

Means for Oneway Anova

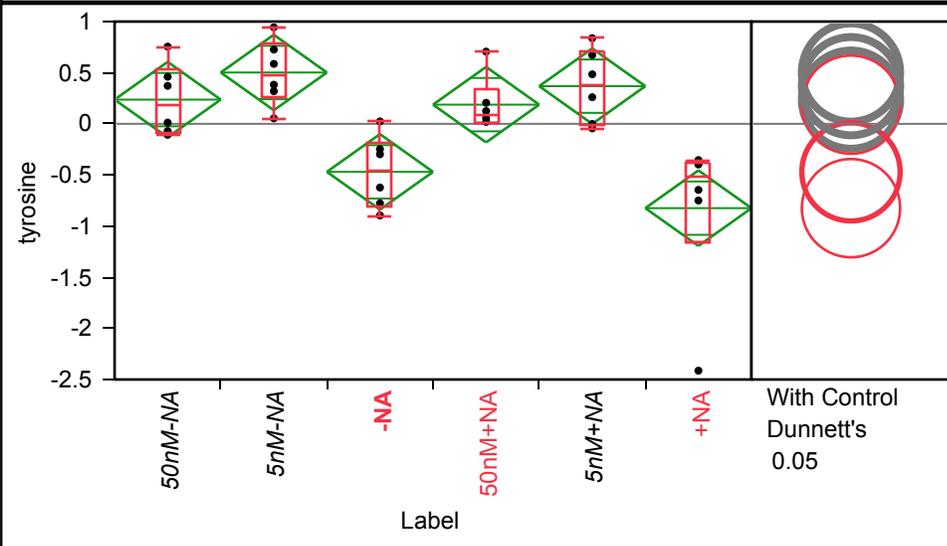
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.20360	0.17003	-0.144	0.5508
5nM-NA	6	0.54352	0.17003	0.196	0.8908
-NA	6	-0.46223	0.17003	-0.809	-0.1150
50nM+NA	6	0.21913	0.17003	-0.128	0.5664
5nM+NA	6	0.38127	0.17003	0.034	0.7285
+NA	6	-0.88528	0.17003	-1.233	-0.5380

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of tyrosine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.10749	-0.10749	-0.07993	0.191518	0.534315	0.755137	0.755137
5nM-NA	0.053672	0.053672	0.252766	0.484107	0.780514	0.943725	0.943725
-NA	-0.89588	-0.89588	-0.80697	-0.46044	-0.17969	0.023672	0.023672
50nM+NA	0.015703	0.015703	0.017824	0.089417	0.330702	0.706266	0.706266
5nM+NA	-0.04434	-0.04434	-0.01247	0.372257	0.714031	0.837656	0.837656
+NA	-2.41347	-2.41347	-1.16566	-0.52164	-0.3784	-0.35438	-0.35438

Oneway Anova

Summary of Fit

Rsquare	0.584718
Adj Rsquare	0.515504
Root Mean Square Error	0.442582
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	8.273931	1.65479	8.4480	<.0001 *
Error	30	5.876359	0.19588		
C. Total	35	14.150290			

Means for Oneway Anova

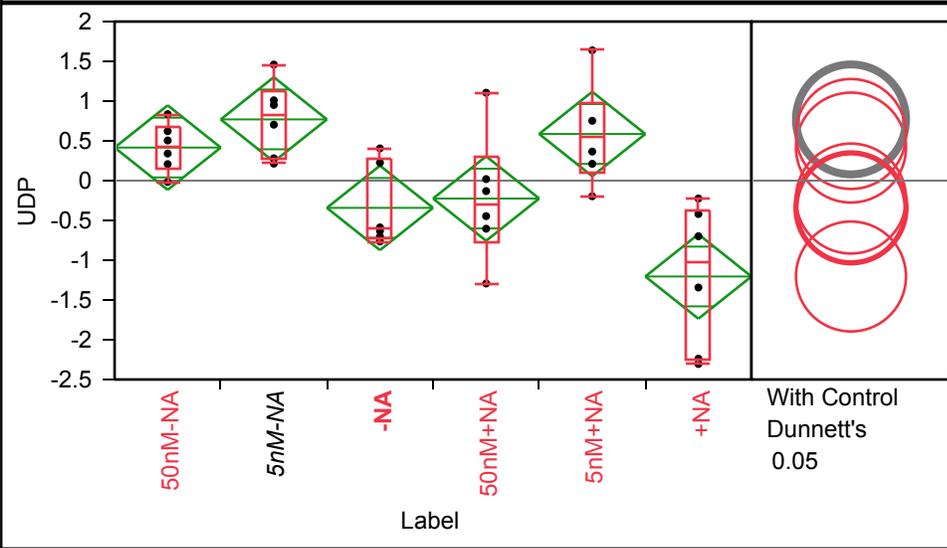
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.23678	0.18068	-0.132	0.6058
5nM-NA	6	0.50181	0.18068	0.133	0.8708
-NA	6	-0.46965	0.18068	-0.839	-0.1006
50nM+NA	6	0.18747	0.18068	-0.182	0.5565
5nM+NA	6	0.36814	0.18068	-0.0009	0.7371
+NA	6	-0.82454	0.18068	-1.194	-0.4555

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of UDP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.0161	-0.0161	0.151482	0.422856	0.675363	0.835872	0.835872
5nM-NA	0.214115	0.214115	0.264427	0.827264	1.122157	1.459107	1.459107
-NA	-0.76436	-0.76436	-0.71748	-0.60938	0.270881	0.405568	0.405568
50nM+NA	-1.2928	-1.2928	-0.77622	-0.28888	0.290903	1.104865	1.104865
5nM+NA	-0.19603	-0.19603	0.109647	0.556636	0.97375	1.638252	1.638252
+NA	-2.30479	-2.30479	-2.25476	-1.02108	-0.37084	-0.22455	-0.22455

Oneway Anova

Summary of Fit

Rsquare	0.573537
Adj Rsquare	0.50246
Root Mean Square Error	0.637051
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	16.373801	3.27476	8.0692	<.0001 *
Error	30	12.175012	0.40583		
C. Total	35	28.548812			

Means for Oneway Anova

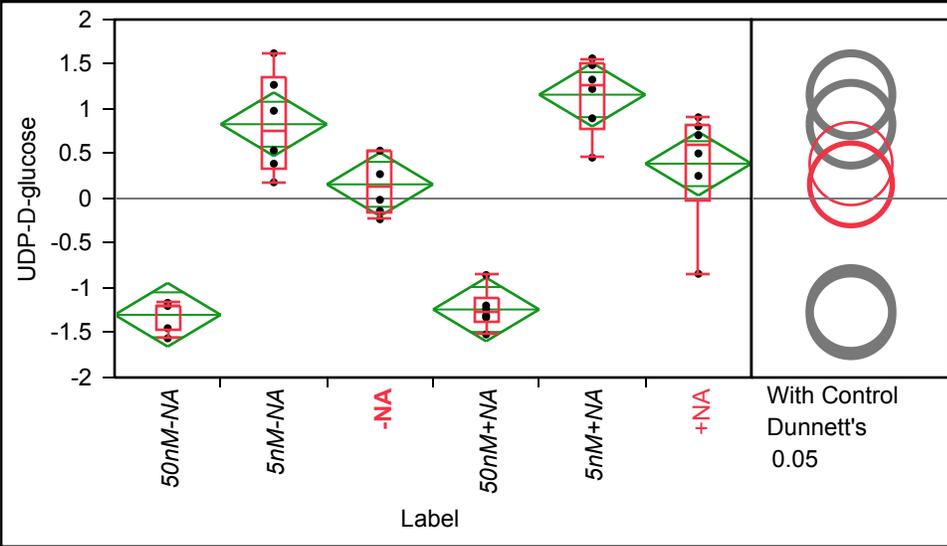
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.4158	0.26007	-0.115	0.947
5nM-NA	6	0.7698	0.26007	0.239	1.301
-NA	6	-0.3422	0.26007	-0.873	0.189
50nM+NA	6	-0.2250	0.26007	-0.756	0.306
5nM+NA	6	0.5865	0.26007	0.055	1.118
+NA	6	-1.2049	0.26007	-1.736	-0.674

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of UDP-D-glucose By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.56212	-1.56212	-1.47715	-1.20989	-1.19183	-1.16498	-1.16498
5nM-NA	0.181401	0.181401	0.337238	0.759169	1.358584	1.623432	1.623432
-NA	-0.23139	-0.23139	-0.1613	0.129291	0.5289	0.535191	0.535191
50nM+NA	-1.51876	-1.51876	-1.37636	-1.27036	-1.11035	-0.85494	-0.85494
5nM+NA	0.456443	0.456443	0.786601	1.276531	1.50979	1.566503	1.566503
+NA	-0.84139	-0.84139	-0.02034	0.605604	0.832226	0.907548	0.907548

Oneway Anova

Summary of Fit

Rsquare	0.857026
Adj Rsquare	0.833197
Root Mean Square Error	0.426002
Mean of Response	-8.3e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	32.634849	6.52697	35.9657	<.0001 *
Error	30	5.444331	0.18148		
C. Total	35	38.079180			

Means for Oneway Anova

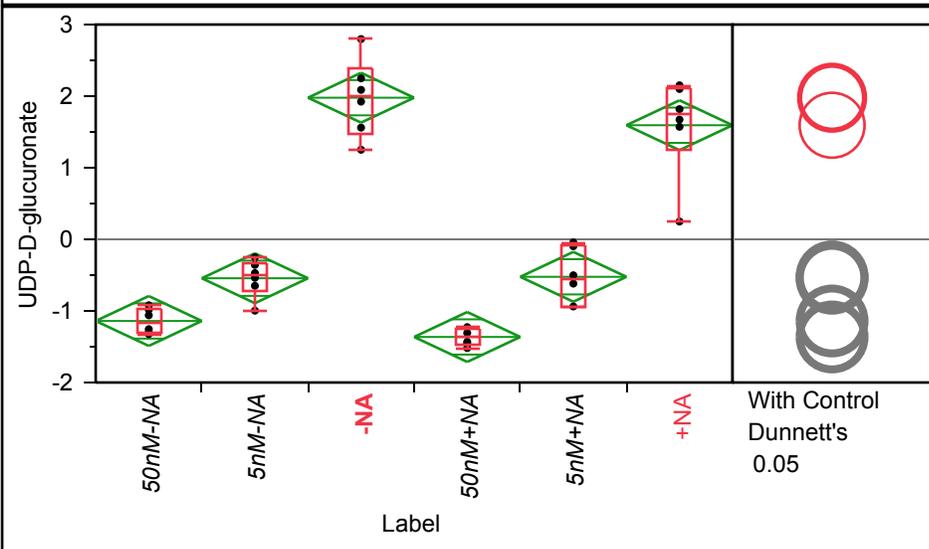
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.2994	0.17391	-1.655	-0.944
5nM-NA	6	0.8304	0.17391	0.475	1.186
-NA	6	0.1585	0.17391	-0.197	0.514
50nM+NA	6	-1.2398	0.17391	-1.595	-0.885
5nM+NA	6	1.1606	0.17391	0.805	1.516
+NA	6	0.3896	0.17391	0.034	0.745

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of UDP-D-glucuronate By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.32358	-1.32358	-1.30521	-1.15812	-0.9675	-0.92102	-0.92102
5nM-NA	-0.99638	-0.99638	-0.73593	-0.5045	-0.33058	-0.25154	-0.25154
-NA	1.251124	1.251124	1.482838	2.005629	2.385819	2.797112	2.797112
50nM+NA	-1.51863	-1.51863	-1.47364	-1.36999	-1.23611	-1.22635	-1.22635
5nM+NA	-0.94342	-0.94342	-0.93928	-0.56036	-0.08319	-0.04292	-0.04292
+NA	0.248746	0.248746	1.240968	1.745306	2.112761	2.151078	2.151078

Oneway Anova

Summary of Fit

Rsquare	0.9211
Adj Rsquare	0.907949
Root Mean Square Error	0.417679
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	61.098926	12.2198	70.0452	<.0001 *
Error	30	5.233674	0.1745		
C. Total	35	66.332600			

Means for Oneway Anova

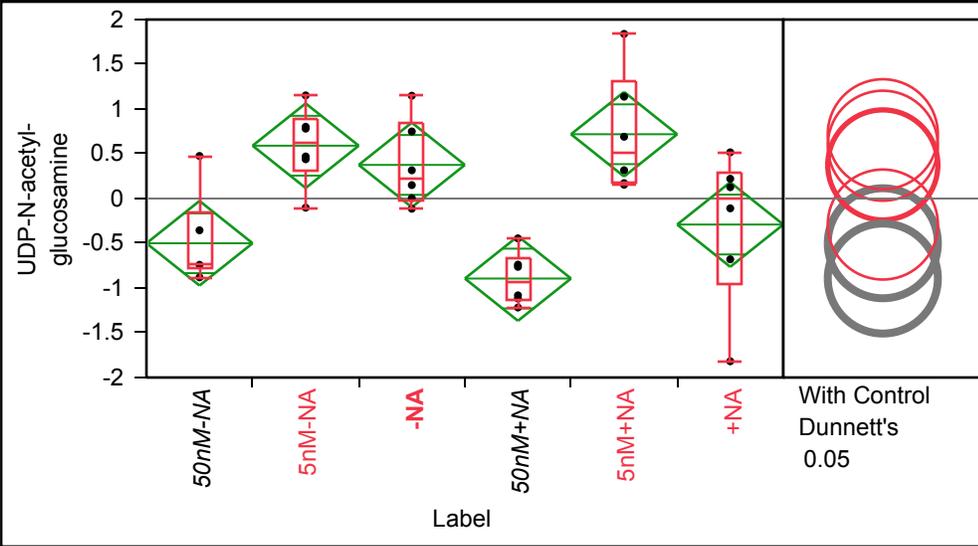
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-1.1405	0.17052	-1.489	-0.792
5nM-NA	6	-0.5438	0.17052	-0.892	-0.196
-NA	6	1.9780	0.17052	1.630	2.326
50nM+NA	6	-1.3638	0.17052	-1.712	-1.016
5nM+NA	6	-0.5236	0.17052	-0.872	-0.175
+NA	6	1.5937	0.17052	1.245	1.942

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of UDP-N-acetyl-glucosamine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.88104	-0.88104	-0.78201	-0.7444	-0.1473	0.475667	0.475667
5nM-NA	-0.10193	-0.10193	0.303712	0.625371	0.889444	1.152203	1.152203
-NA	-0.11381	-0.11381	-0.0255	0.232764	0.849207	1.14853	1.14853
50nM+NA	-1.2178	-1.2178	-1.14222	-0.92262	-0.66542	-0.44532	-0.44532
5nM+NA	0.153824	0.153824	0.167633	0.503269	1.313515	1.839819	1.839819
+NA	-1.81865	-1.81865	-0.96404	0.008515	0.294754	0.516225	0.516225

Oneway Anova

Summary of Fit

Rsquare	0.571237
Adj Rsquare	0.499777
Root Mean Square Error	0.566667
Mean of Response	5.56e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	12.834462	2.56689	7.9938	<.0001 *
Error	30	9.633361	0.32111		
C. Total	35	22.467823			

Means for Oneway Anova

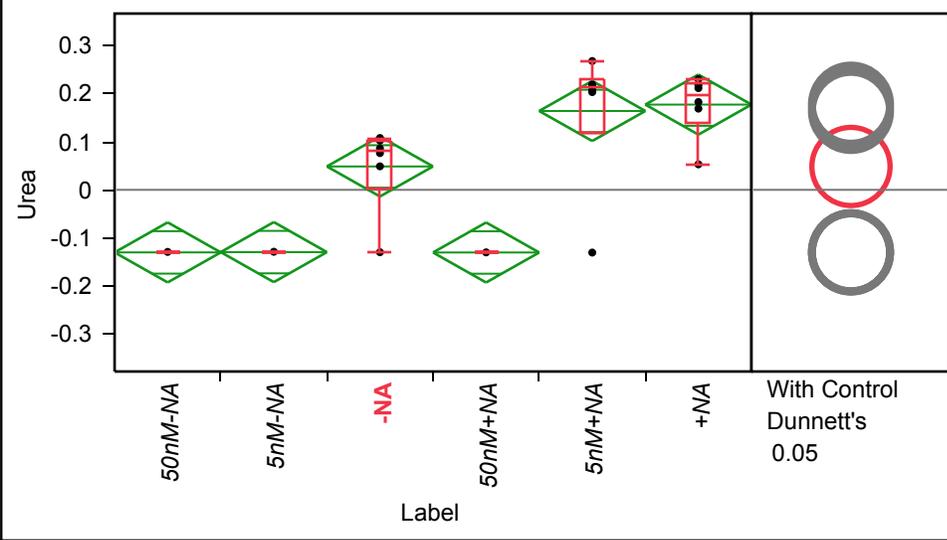
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.49969	0.23134	-0.972	-0.027
5nM-NA	6	0.59030	0.23134	0.118	1.063
-NA	6	0.37560	0.23134	-0.097	0.848
50nM+NA	6	-0.89403	0.23134	-1.366	-0.422
5nM+NA	6	0.71842	0.23134	0.246	1.191
+NA	6	-0.29061	0.23134	-0.763	0.182

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Urea By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.13122	-0.13122	-0.13102	-0.1308	-0.13015	-0.12957	-0.12957
5nM-NA	-0.13116	-0.13116	-0.13051	-0.12995	-0.12943	-0.12926	-0.12926
-NA	-0.13021	-0.13021	0.004263	0.08154	0.104112	0.108186	0.108186
50nM+NA	-0.13116	-0.13116	-0.13098	-0.13082	-0.13053	-0.13053	-0.13053
5nM+NA	-0.13099	-0.13099	0.12029	0.212943	0.232185	0.268921	0.268921
+NA	0.0532	0.0532	0.140466	0.197857	0.221574	0.230959	0.230959

Oneway Anova

Summary of Fit

Rsquare	0.798846
Adj Rsquare	0.76532
Root Mean Square Error	0.075182
Mean of Response	-2.8e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.67341767	0.134684	23.8278	<.0001 *
Error	30	0.16957077	0.005652		
C. Total	35	0.84298844			

Means for Oneway Anova

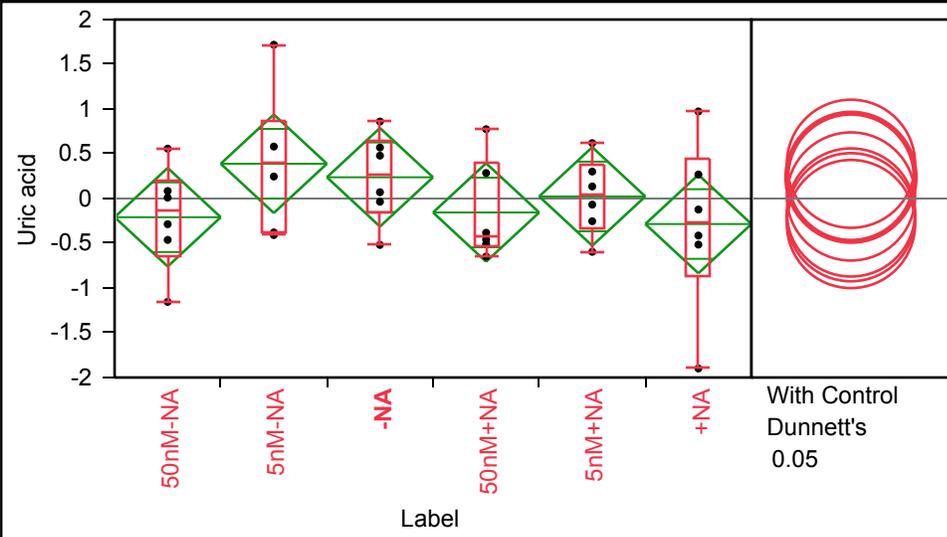
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.13061	0.03069	-0.1933	-0.0679
5nM-NA	6	-0.13002	0.03069	-0.1927	-0.0673
-NA	6	0.04882	0.03069	-0.0139	0.1115
50nM+NA	6	-0.13080	0.03069	-0.1935	-0.0681
5nM+NA	6	0.16463	0.03069	0.1020	0.2273
+NA	6	0.17798	0.03069	0.1153	0.2407

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Uric acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-1.15479	-1.15479	-0.63543	-0.13831	0.202394	0.557297	0.557297
5nM-NA	-0.40815	-0.40815	-0.38595	0.409919	0.865069	1.718225	1.718225
-NA	-0.5185	-0.5185	-0.15626	0.274785	0.642265	0.859976	0.859976
50nM+NA	-0.64842	-0.64842	-0.54222	-0.41956	0.407642	0.774395	0.774395
5nM+NA	-0.59533	-0.59533	-0.33897	0.033504	0.380777	0.6192	0.6192
+NA	-1.89911	-1.89911	-0.86072	-0.26828	0.444443	0.972946	0.972946

Oneway Anova

Summary of Fit

Rsquare	0.14082
Adj Rsquare	-0.00238
Root Mean Square Error	0.660011
Mean of Response	-6.2e-18
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	2.141917	0.428383	0.9834	0.4441
Error	30	13.068433	0.435614		
C. Total	35	15.210351			

Means for Oneway Anova

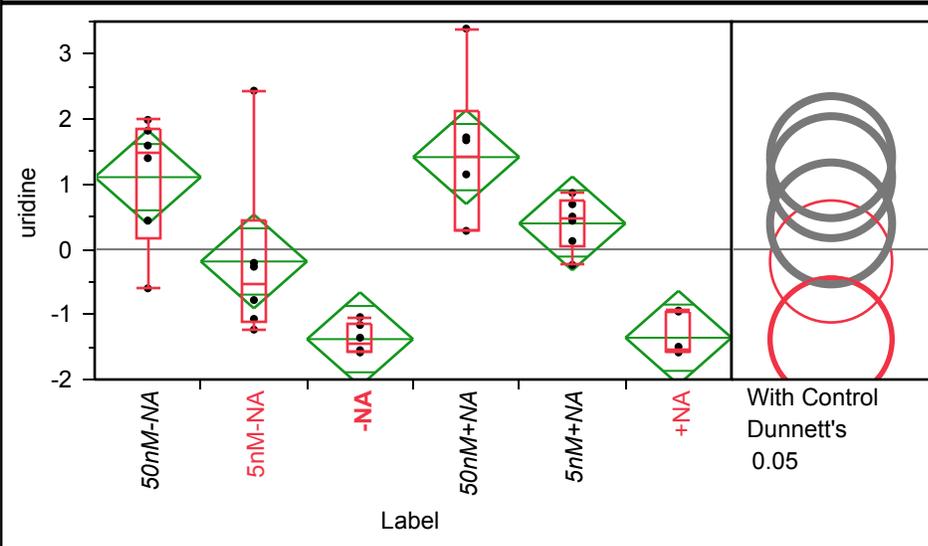
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.20872	0.26945	-0.7590	0.34156
5nM-NA	6	0.38868	0.26945	-0.1616	0.93896
-NA	6	0.23754	0.26945	-0.3127	0.78782
50nM+NA	6	-0.15576	0.26945	-0.7060	0.39453
5nM+NA	6	0.02311	0.26945	-0.5272	0.57340
+NA	6	-0.28484	0.26945	-0.8351	0.26545

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of uridine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.59891	-0.59891	0.182365	1.498594	1.865107	1.989222	1.989222
5nM-NA	-1.2338	-1.2338	-1.10972	-0.52309	0.45375	2.437687	2.437687
-NA	-1.58434	-1.58434	-1.58432	-1.45331	-1.13189	-1.04112	-1.04112
50nM+NA	0.278015	0.278015	0.282486	1.413621	2.138696	3.391651	3.391651
5nM+NA	-0.23949	-0.23949	0.035949	0.471266	0.735778	0.865941	0.865941
+NA	-1.58489	-1.58489	-1.5846	-1.5407	-0.95263	-0.94104	-0.94104

Oneway Anova

Summary of Fit

Rsquare	0.658092
Adj Rsquare	0.601107
Root Mean Square Error	0.863695
Mean of Response	2.778e-9
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	43.074416	8.61488	11.5486	<.0001 *
Error	30	22.379097	0.74597		
C. Total	35	65.453513			

Means for Oneway Anova

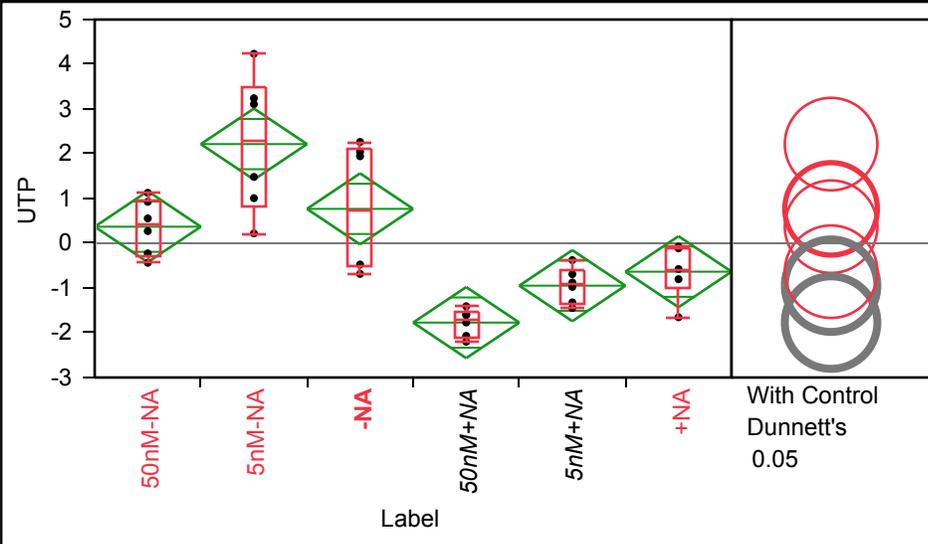
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	1.1090	0.35260	0.389	1.829
5nM-NA	6	-0.1864	0.35260	-0.906	0.534
-NA	6	-1.3798	0.35260	-2.100	-0.660
50nM+NA	6	1.4170	0.35260	0.697	2.137
5nM+NA	6	0.3982	0.35260	-0.322	1.118
+NA	6	-1.3581	0.35260	-2.078	-0.638

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of UTP By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.43618	-0.43618	-0.27869	0.414739	0.977601	1.128711	1.128711
5nM-NA	0.220942	0.220942	0.811522	2.296008	3.490053	4.235981	4.235981
-NA	-0.68484	-0.68484	-0.53144	0.73489	2.099119	2.264122	2.264122
50nM+NA	-2.20113	-2.20113	-2.10255	-1.68904	-1.53685	-1.40702	-1.40702
5nM+NA	-1.44707	-1.44707	-1.35235	-0.92587	-0.61198	-0.37579	-0.37579
+NA	-1.65396	-1.65396	-1.01567	-0.58419	-0.10322	-0.07444	-0.07444

Oneway Anova

Summary of Fit

Rsquare	0.689721
Adj Rsquare	0.638007
Root Mean Square Error	0.952573
Mean of Response	2.78e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	60.511535	12.1023	13.3374	<.0001 *
Error	30	27.221865	0.9074		
C. Total	35	87.733400			

Means for Oneway Anova

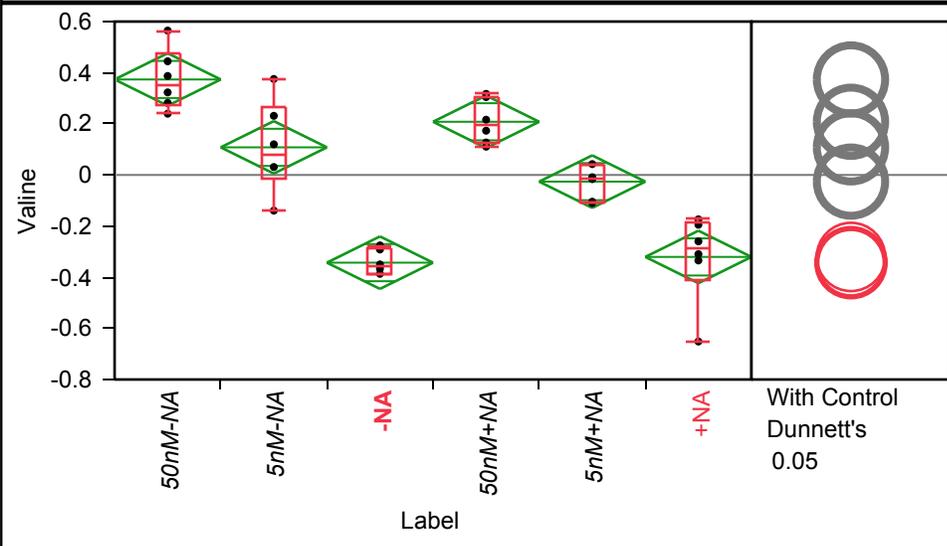
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.3705	0.38889	-0.424	1.165
5nM-NA	6	2.2165	0.38889	1.422	3.011
-NA	6	0.7688	0.38889	-0.025	1.563
50nM+NA	6	-1.7727	0.38889	-2.567	-0.978
5nM+NA	6	-0.9477	0.38889	-1.742	-0.153
+NA	6	-0.6354	0.38889	-1.430	0.159

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of Valine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	0.239597	0.239597	0.271379	0.355	0.474639	0.564752	0.564752
5nM-NA	-0.13938	-0.13938	-0.01237	0.075466	0.267317	0.375406	0.375406
-NA	-0.38787	-0.38787	-0.38695	-0.35819	-0.28748	-0.27552	-0.27552
50nM+NA	0.110683	0.110683	0.122838	0.194546	0.307701	0.317169	0.317169
5nM+NA	-0.10971	-0.10971	-0.10587	-0.01255	0.041242	0.042477	0.042477
+NA	-0.65135	-0.65135	-0.41364	-0.28472	-0.18941	-0.17367	-0.17367

Oneway Anova

Summary of Fit

Rsquare	0.845779
Adj Rsquare	0.820076
Root Mean Square Error	0.123102
Mean of Response	-8.3e-11
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	2.4932621	0.498652	32.9052	<.0001 *
Error	30	0.4546257	0.015154		
C. Total	35	2.9478879			

Means for Oneway Anova

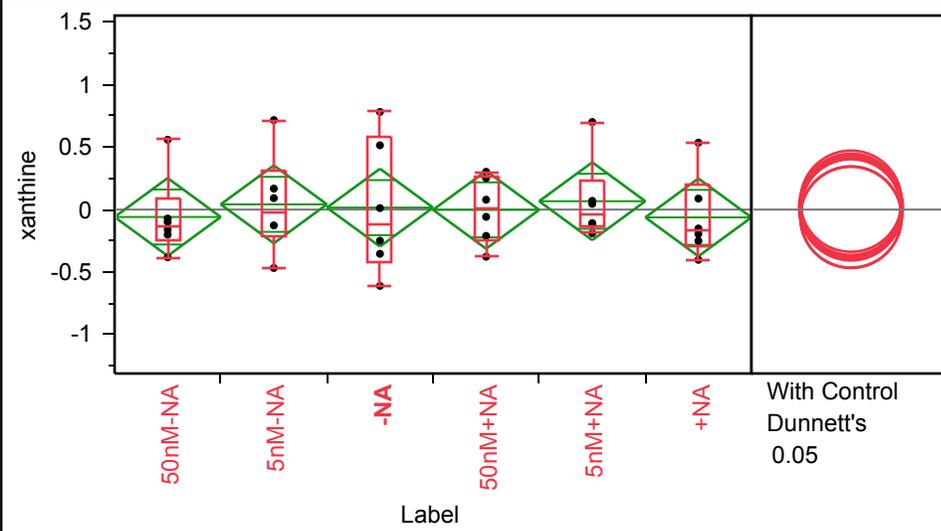
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.37349	0.05026	0.2709	0.4761
5nM-NA	6	0.10803	0.05026	0.0054	0.2107
-NA	6	-0.34298	0.05026	-0.4456	-0.2403
50nM+NA	6	0.20806	0.05026	0.1054	0.3107
5nM+NA	6	-0.02602	0.05026	-0.1287	0.0766
+NA	6	-0.32059	0.05026	-0.4232	-0.2179

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of xanthine By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.3822	-0.3822	-0.24636	-0.13037	0.086029	0.55936	0.55936
5nM-NA	-0.46799	-0.46799	-0.21514	-0.01752	0.305169	0.716815	0.716815
-NA	-0.61134	-0.61134	-0.41868	-0.11879	0.581641	0.781686	0.781686
50nM+NA	-0.37757	-0.37757	-0.25267	0.010427	0.264693	0.302625	0.302625
5nM+NA	-0.19002	-0.19002	-0.13554	-0.03129	0.227627	0.701405	0.701405
+NA	-0.40256	-0.40256	-0.28864	-0.17331	0.200069	0.535944	0.535944

Oneway Anova

Summary of Fit

Rsquare	0.019535
Adj Rsquare	-0.14388
Root Mean Square Error	0.373754
Mean of Response	-5.6e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	0.0834977	0.016700	0.1195	0.9870
Error	30	4.1907651	0.139692		
C. Total	35	4.2742627			

Means for Oneway Anova

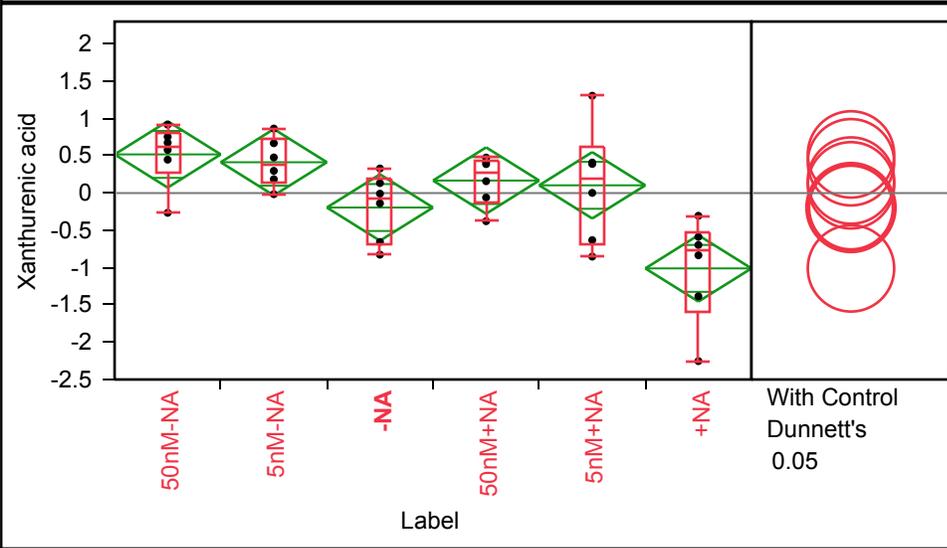
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	-0.05940	0.15258	-0.3710	0.25222
5nM-NA	6	0.04182	0.15258	-0.2698	0.35343
-NA	6	0.01555	0.15258	-0.2961	0.32716
50nM+NA	6	-0.00218	0.15258	-0.3138	0.30944
5nM+NA	6	0.06685	0.15258	-0.2448	0.37847
+NA	6	-0.06263	0.15258	-0.3743	0.24898

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnnett's Method

Oneway Analysis of Xanthurenic acid By Label



Quantiles

Level	Minimum	10%	25%	Median	75%	90%	Maximum
50nM-NA	-0.26439	-0.26439	0.269869	0.627561	0.795472	0.917001	0.917001
5nM-NA	-0.01473	-0.01473	0.135834	0.387631	0.71772	0.865069	0.865069
-NA	-0.82577	-0.82577	-0.69847	-0.07252	0.182874	0.329697	0.329697
50nM+NA	-0.3769	-0.3769	-0.13896	0.273867	0.434442	0.475813	0.475813
5nM+NA	-0.8518	-0.8518	-0.68609	0.196553	0.63289	1.304845	1.304845
+NA	-2.25296	-2.25296	-1.60144	-0.76496	-0.51686	-0.30481	-0.30481

Oneway Anova

Summary of Fit

Rsquare	0.518999
Adj Rsquare	0.438832
Root Mean Square Error	0.533617
Mean of Response	-1.1e-10
Observations (or Sum Wgts)	36

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Label	5	9.217244	1.84345	6.4740	0.0003 *
Error	30	8.542415	0.28475		
C. Total	35	17.759659			

Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
50nM-NA	6	0.5184	0.21785	0.074	0.9633
5nM-NA	6	0.4134	0.21785	-0.032	0.8583
-NA	6	-0.1939	0.21785	-0.639	0.2510
50nM+NA	6	0.1679	0.21785	-0.277	0.6128
5nM+NA	6	0.1040	0.21785	-0.341	0.5489
+NA	6	-1.0099	0.21785	-1.455	-0.5650

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons with a control using Dunnett's Method

Oneway Analysis of 1-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-sn-glycero-3-phosphocholine By Labe

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	-0.01	0.0570
-NA	-0.42	1.0000
5nM-NA	0.265	0.0007 *
50nM-NA	0.363	0.0001 *
5nM+NA	0.595	<.0001 *
+NA	0.803	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 1,3-diphopshateglycerate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-1.04	1.0000
5nM-NA	-0.92	0.9984
5nM+NA	-0.3	0.2384
+NA	-0.23	0.1683
50nM-NA	-0.09	0.0841
50nM+NA	0.868	0.0002 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 1-Aminocyclopropanecarboxylic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.037	0.0036 *
50nM+NA	0.013	0.0206 *
5nM+NA	-0.02	0.1980
+NA	-0.05	0.5714
-NA	-0.09	1.0000
50nM-NA	-0.07	0.9645

Positive values show pairs of means that are significantly different.

Oneway Analysis of 1-Hexadecyl-2-arachidonoyl-glycerol By Label
--

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
50nM+NA	1.038	0.0006 *
50nM-NA	-0.07	0.0644
5nM+NA	-1.4	0.9984
5nM-NA	-1.56	1.0000
-NA	-1.57	1.0000
+NA	-1.02	0.8170

Positive values show pairs of means that are significantly different.

Oneway Analysis of 1-Methyladenosine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.56	0.6550
5nM+NA	-0.62	0.7678
50nM+NA	-0.85	0.9947
-NA	-1	1.0000
50nM-NA	-0.93	0.9999
+NA	-0.41	0.3959

Positive values show pairs of means that are significantly different.

Oneway Analysis of 1-Methyl-Histidine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.9	1.0000
-NA	-0.92	1.0000
5nM+NA	-0.58	0.7825
+NA	-0.17	0.1374
50nM-NA	-0.13	0.1081
50nM+NA	0.016	0.0451 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 1-Octadecanoyl-sn-glycero-3-phosphocholine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	-1.14	0.9996
-NA	-1.24	1.0000
5nM-NA	0.41	0.0059 *
5nM+NA	0.926	0.0003 *
50nM-NA	1.143	<.0001 *
+NA	2.964	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 1-oleoyl-2-hydroxy-sn-glycero-3-phosphocholine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.335	0.0006 *
-NA	-2.05	1.0000
5nM-NA	1.476	0.0004 *
5nM+NA	1.502	0.0003 *
50nM-NA	2.247	<.0001 *
+NA	3.043	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 2-Aminooctanoic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.58	0.8111
-NA	-0.89	1.0000
50nM-NA	-0.86	1.0000
5nM+NA	-0.79	0.9984
+NA	-0.63	0.8944
50nM+NA	-0.54	0.7399

Positive values show pairs of means that are significantly different.

Oneway Analysis of 2-dehydro-D-gluconate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-1.31	1.0000
5nM+NA	-0.77	0.7158
50nM-NA	-0.66	0.5516
+NA	-0.41	0.2627
5nM-NA	-0.25	0.1469
50nM+NA	-0.11	0.0817

Positive values show pairs of means that are significantly different.

Oneway Analysis of 2-deoxyglucose-6-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.33	0.2926
+NA	-0.92	0.9999
-NA	-0.99	1.0000
5nM-NA	-0.96	1.0000
50nM+NA	-0.39	0.3708
50nM-NA	0.002	0.0493 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 2-Hydroxy-2-methylbutanedioic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
+NA	-1.03	1.0000
-NA	-1.04	1.0000
5nM-NA	0.027	0.0428 *
50nM+NA	0.3	0.0078 *
5nM+NA	0.327	0.0065 *
50nM-NA	0.481	0.0023 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 2-hydroxyglutarate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.157	0.0170 *
5nM-NA	0.029	0.0412 *
5nM+NA	-0.07	0.0760
50nM+NA	-0.37	0.3915
+NA	-0.68	0.9467
-NA	-0.9	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of 2-Isopropylmalic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.67	0.7332
50nM-NA	-0.7	0.7855
-NA	-1.11	1.0000
5nM+NA	-0.87	0.9678
50nM+NA	-0.77	0.8743
+NA	-0.69	0.7716

Positive values show pairs of means that are significantly different.

Oneway Analysis of 2-ketoglutarate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.67	1.0000
5nM-NA	-0.6	0.9988
50nM-NA	-0.54	0.9798
50nM+NA	0.187	0.0084 *
5nM+NA	0.49	0.0003 *
+NA	1.045	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 2-Oxo-4-hydroxy-5-aminovalerate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.12	1.0000
5nM+NA	-0.1	0.9934
50nM+NA	-0.09	0.9588
5nM-NA	0.014	0.0247 *
50nM-NA	0.109	0.0001 *
+NA	0.11	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 2-oxobutanoate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-0.33	0.4062
5nM-NA	-0.49	0.7506
-NA	-0.8	1.0000
50nM+NA	-0.43	0.6113
5nM+NA	-0.08	0.0887
+NA	0.034	0.0387 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 3-phosphoglycerate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.38	0.3658
-NA	-0.97	1.0000
50nM-NA	-0.84	0.9964
5nM+NA	-0.71	0.9211
+NA	-0.13	0.1083
50nM+NA	-0.06	0.0708

Positive values show pairs of means that are significantly different.

Oneway Analysis of 3-phospho-serine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.91	1.0000
5nM-NA	-0.52	0.6760
50nM-NA	-0.28	0.2602
5nM+NA	-0.09	0.0879
50nM+NA	0.051	0.0356 *
+NA	0.612	0.0005 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of 4-aminobutyrate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.45	0.9997
-NA	-0.49	1.0000
50nM+NA	-0.3	0.7730
+NA	-0.24	0.5320
50nM-NA	-0.18	0.3308
5nM+NA	-0.12	0.1920

Positive values show pairs of means that are significantly different.

Oneway Analysis of 4-Pyridoxic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-1.12	0.9429
-NA	-1.49	1.0000
+NA	-1.1	0.9291
5nM+NA	-0.92	0.7634
50nM-NA	-0.85	0.6775
50nM+NA	-0.49	0.2808

Positive values show pairs of means that are significantly different.

Oneway Analysis of 6-phospho-D-gluconate By Label**Means Comparisons****Comparisons with a control using Dunnett's Method**

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.98	0.8835
-NA	-1.41	1.0000
5nM+NA	-1.24	0.9973
+NA	-0.71	0.5555
50nM+NA	-0.39	0.2215
50nM-NA	-0.11	0.0800

Positive values show pairs of means that are significantly different.

Oneway Analysis of 6-phospho-D-glucono-1,5-lactone By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-1.39	0.9380
5nM-NA	-1.74	0.9998
-NA	-1.87	1.0000
+NA	-1.18	0.7862
50nM+NA	-0.66	0.3134
50nM-NA	-0.29	0.1185

Positive values show pairs of means that are significantly different.

Oneway Analysis of 7-methylguanosine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-1.04	1.0000
+NA	-1.04	1.0000
-NA	-1.07	1.0000
5nM-NA	-0.67	0.7728
50nM-NA	-0.08	0.0751
50nM+NA	0.129	0.0239 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of acetoacetate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
5nM-NA	-0.25	0.2201
50nM-NA	-0.63	0.8806
-NA	-0.91	1.0000
50nM+NA	-0.55	0.7414
5nM+NA	-0.32	0.3159
+NA	-0.05	0.0711

Positive values show pairs of means that are significantly different.

Oneway Analysis of Acetylcarnitine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	0.125	0.0117 *
50nM-NA	-0.24	0.4589
-NA	-0.54	1.0000
5nM+NA	-0.5	0.9997
5nM-NA	-0.34	0.7604
+NA	-0.12	0.1743

Positive values show pairs of means that are significantly different.

Oneway Analysis of acetyl-CoA By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.9	1.0000
50nM-NA	0.072	0.0306 *
50nM+NA	0.17	0.0153 *
+NA	0.217	0.0108 *
5nM-NA	0.248	0.0086 *
5nM+NA	0.675	0.0003 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Acetyllysine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	0.724	<.0001 *
5nM-NA	0.676	<.0001 *
50nM-NA	0.174	0.0064 *
50nM+NA	-0.01	0.0559
-NA	-0.55	1.0000
+NA	-0.34	0.7660

Positive values show pairs of means that are significantly different.

Oneway Analysis of aconitate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.9	1.0000
5nM+NA	-0.06	0.0739
+NA	0.065	0.0323 *
5nM-NA	1.13	<.0001 *
50nM-NA	1.282	<.0001 *
50nM+NA	1.387	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Adenine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	3.571	<.0001 *
50nM-NA	2.544	<.0001 *
5nM-NA	0.732	0.0009 *
5nM+NA	-0.09	0.0749
-NA	-1.24	1.0000
+NA	-0.55	0.4566

Positive values show pairs of means that are significantly different.

Oneway Analysis of adenosine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	0.839	<.0001 *
50nM-NA	0.671	<.0001 *
5nM-NA	0.428	0.0005 *
5nM+NA	0.168	0.0090 *
+NA	-0.45	0.9244
-NA	-0.62	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Adipic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.446	0.0012 *
+NA	-0.25	0.2709
50nM+NA	-0.53	0.8498
5nM+NA	-0.56	0.8882
5nM-NA	-0.73	0.9997
-NA	-0.8	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of ADP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.311	<.0001 *
50nM-NA	0.799	<.0001 *
5nM+NA	0.557	0.0003 *
5nM-NA	0.067	0.0284 *
+NA	-0.61	0.9904
-NA	-0.73	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of AICAR 3,5-Cyclic Phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.912	<.0001 *
50nM-NA	1.034	<.0001 *
5nM+NA	0.417	<.0001 *
5nM-NA	0.139	0.0038 *
-NA	-0.35	1.0000
+NA	-0.34	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Ala-Ala By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.229	0.0026 *
5nM+NA	-0.25	0.5120
50nM+NA	-0.38	0.9266
5nM-NA	-0.42	0.9872
-NA	-0.51	1.0000
+NA	-0.51	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Ala-Gly By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.49	0.2179
50nM-NA	-1.71	1.0000
50nM+NA	-1.72	1.0000
5nM-NA	-1.73	1.0000
-NA	-1.79	1.0000
+NA	-1.65	0.9997

Positive values show pairs of means that are significantly different.

Oneway Analysis of alanine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	1.141	<.0001 *
50nM+NA	1.05	<.0001 *
5nM-NA	0.833	<.0001 *
5nM+NA	0.776	<.0001 *
-NA	-0.56	1.0000
+NA	-0.48	0.9943

Positive values show pairs of means that are significantly different.

Oneway Analysis of allantoate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.8	1.0000
+NA	1.913	<.0001 *
5nM-NA	3.46	<.0001 *
5nM+NA	3.991	<.0001 *
50nM-NA	4.224	<.0001 *
50nM+NA	4.492	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Amino adipic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-1.03	1.0000
+NA	-0.14	0.1084
50nM-NA	0.127	0.0234 *
5nM-NA	0.328	0.0064 *
50nM+NA	0.944	<.0001 *
5nM+NA	1.015	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of AICAR(ZMP) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
+NA	-0.43	0.4459
-NA	-0.98	1.0000
5nM-NA	3.136	<.0001 *
5nM+NA	3.765	<.0001 *
50nM-NA	4.316	<.0001 *
50nM+NA	4.443	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Aminomalonic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
+NA	2.383	0.0006 *
5nM+NA	1.926	0.0014 *
50nM+NA	-0.41	0.0959
50nM-NA	-2.29	0.7994
5nM-NA	-3.09	0.9950
-NA	-3.59	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of AMP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	2.488	<.0001 *
50nM-NA	2.142	<.0001 *
5nM-NA	1.31	<.0001 *
5nM+NA	0.696	<.0001 *
-NA	-0.45	1.0000
+NA	-0.37	0.9861

Positive values show pairs of means that are significantly different.

Oneway Analysis of Anhydrosorbitol By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-2.2	0.3609
+NA	-5.35	0.9999
5nM-NA	-5.43	1.0000
-NA	-5.69	1.0000
50nM-NA	-3.88	0.8640
50nM+NA	-3.24	0.6766

Positive values show pairs of means that are significantly different.

Oneway Analysis of Arabitol By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-0.94	0.2168
5nM-NA	-3.32	1.0000
-NA	-3.45	1.0000
50nM+NA	-2.16	0.7787
5nM+NA	-1.91	0.6495
+NA	-0.27	0.0792

Positive values show pairs of means that are significantly different.

Oneway Analysis of Arginine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	4.53	<.0001 *
50nM+NA	4.403	<.0001 *
+NA	-0.24	0.0970
5nM-NA	-0.43	0.1573
50nM-NA	-1.1	0.6057
-NA	-2.06	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Asparagine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	1.447	0.0003 *
50nM+NA	0.916	0.0020 *
50nM-NA	-0.29	0.1182
5nM-NA	-1.27	0.8552
+NA	-1.7	0.9992
-NA	-1.89	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of aspartate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	3.328	<.0001 *
50nM-NA	3.219	<.0001 *
5nM+NA	2.43	<.0001 *
5nM-NA	2.394	<.0001 *
-NA	-0.44	1.0000
+NA	-0.39	0.9977

Positive values show pairs of means that are significantly different.

Oneway Analysis of ATP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
5nM-NA	1.398	0.0001 *
50nM-NA	-0.44	0.2109
-NA	-1.64	1.0000
5nM+NA	0.542	0.0059 *
+NA	0.761	0.0023 *
50nM+NA	0.797	0.0020 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Atrolactic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
 2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-1	1.0000
+NA	0.279	0.0084 *
5nM+NA	1.694	<.0001 *
5nM-NA	1.725	<.0001 *
50nM-NA	2.113	<.0001 *
50nM+NA	2.282	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Benzoic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-1.24	0.6791
5nM-NA	-1.58	0.9186
5nM+NA	-1.58	0.9206
50nM+NA	-1.62	0.9379
+NA	-1.97	0.9991
-NA	-2.18	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of beta-Alanine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
+NA	-1.89	0.9787
-NA	-2.34	1.0000
50nM-NA	-1.96	0.9900
5nM-NA	-0.67	0.2310
5nM+NA	-0.67	0.2310
50nM+NA	-0.67	0.2310

Positive values show pairs of means that are significantly different.

Oneway Analysis of beta-D-Glucopyranose By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.78	0.9986
5nM+NA	-0.8	0.9996
-NA	-0.87	1.0000
50nM-NA	-0.86	1.0000
50nM+NA	-0.64	0.9257
+NA	-0.37	0.4144

Positive values show pairs of means that are significantly different.

Oneway Analysis of betaine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.246	0.0031 *
50nM-NA	-0.37	0.8062
-NA	-0.58	1.0000
5nM+NA	-0.14	0.1934
50nM+NA	0.27	0.0023 *
+NA	0.571	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of betaine aldehyde By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.59	0.5840
5nM+NA	-0.87	0.9599
50nM-NA	-0.98	0.9956
-NA	-1.13	1.0000
+NA	-0.68	0.7319
50nM+NA	-0.43	0.3513

Positive values show pairs of means that are significantly different.

Oneway Analysis of Butyrylcarnitine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.57	1.0000
+NA	1.42	<.0001 *
5nM-NA	2.529	<.0001 *
5nM+NA	3.523	<.0001 *
50nM-NA	4.022	<.0001 *
50nM+NA	4.24	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Carbamoyl phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.119	0.0135 *
50nM+NA	-0.07	0.1004
5nM+NA	-0.29	0.5664
5nM-NA	-0.55	1.0000
-NA	-0.57	1.0000
+NA	-0.03	0.0705

Positive values show pairs of means that are significantly different.

Oneway Analysis of carnitine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	1.552	<.0001 *
50nM-NA	1.365	<.0001 *
5nM+NA	1.168	<.0001 *
50nM+NA	0.872	<.0001 *
+NA	-0.38	1.0000
-NA	-0.39	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of CDP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-0.13	0.1036
5nM-NA	-0.3	0.2339
50nM+NA	-0.33	0.2619
5nM+NA	-0.72	0.8727
-NA	-1.05	1.0000
+NA	-0.86	0.9851

Positive values show pairs of means that are significantly different.

Oneway Analysis of Cholesterol By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
 2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.043	0.0026 *
+NA	-1	0.4288
5nM+NA	-1.5	0.8075
50nM-NA	-2.03	0.9969
-NA	-2.32	1.0000
5nM-NA	-2.13	0.9996

Positive values show pairs of means that are significantly different.

Oneway Analysis of choline By Label**Means Comparisons****Comparisons with a control using Dunnett's Method**

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-0.29	0.3843
50nM+NA	-0.33	0.4679
5nM-NA	-0.6	0.9858
5nM+NA	-0.7	1.0000
-NA	-0.73	1.0000
+NA	-0.27	0.3356

Positive values show pairs of means that are significantly different.

Oneway Analysis of Chondroitin By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-1.2	0.9905
50nM+NA	-1.35	0.9999
-NA	-1.43	1.0000
5nM-NA	-0.68	0.5091
50nM-NA	-0.44	0.2592
+NA	0.157	0.0255 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Citric acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
+NA	0.348	0.0273 *
5nM+NA	-3.47	1.0000
-NA	-3.52	1.0000
50nM+NA	-2.99	0.9932
50nM-NA	-2.33	0.8370
5nM-NA	1.411	0.0036 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of citrulline By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
+NA	0.489	0.0003 *
5nM+NA	-0.02	0.0616
-NA	-0.65	1.0000
5nM-NA	-0.46	0.9088
50nM+NA	-0.14	0.1689
50nM-NA	0.423	0.0006 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of CMP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.47	0.5855
5nM+NA	-0.73	0.9792
-NA	-0.91	1.0000
+NA	-0.69	0.9520
50nM-NA	0.173	0.0152 *
50nM+NA	0.409	0.0026 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of CMP-N-acetylneuraminic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
+NA	0.678	0.0015 *
-NA	-1.29	1.0000
50nM+NA	-0.9	0.8928
5nM+NA	-0.75	0.6977
5nM-NA	-0.02	0.0554
50nM-NA	0.172	0.0219 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of creatine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.492	0.0004 *
5nM+NA	0.256	0.0047 *
50nM-NA	0.098	0.0211 *
50nM+NA	0.017	0.0432 *
-NA	-0.7	1.0000
+NA	-0.51	0.9216

Positive values show pairs of means that are significantly different.

Oneway Analysis of Creatinine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.843	<.0001 *
50nM-NA	1.538	<.0001 *
5nM+NA	0.932	<.0001 *
5nM-NA	0.258	0.0011 *
+NA	0.03	0.0335 *
-NA	-0.46	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Cyclic ADP-ribose By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
+NA	-0.48	0.6942
-NA	-0.82	1.0000
5nM+NA	4.653	<.0001 *
50nM+NA	4.672	<.0001 *
5nM-NA	4.805	<.0001 *
50nM-NA	4.87	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of cyclic-AMP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.96	1.0000
+NA	-0.69	0.9192
5nM-NA	-0.02	0.0570
50nM-NA	-4e-3	0.0513
5nM+NA	0.125	0.0223 *
50nM+NA	0.599	0.0007 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of cystathionine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.9	1.0000
+NA	0.073	0.0304 *
50nM+NA	1.452	<.0001 *
50nM-NA	1.459	<.0001 *
5nM-NA	1.6	<.0001 *
5nM+NA	1.767	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Cysteineglutathione disulfide By Label
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Means Comparisons

Comparisons with a control using Dunnett's Method
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Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
+NA	1.843	<.0001 *
-NA	-0.6	1.0000
5nM+NA	0.15	0.0101 *
5nM-NA	1.189	<.0001 *
50nM-NA	3.011	<.0001 *
50nM+NA	3.063	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Cystine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.94	0.9991
-NA	-1.04	1.0000
+NA	-0.08	0.0800
5nM+NA	-0.04	0.0612
50nM-NA	1.318	<.0001 *
50nM+NA	2.62	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of cytidine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	4.089	<.0001 *
50nM-NA	2.877	<.0001 *
5nM+NA	1.664	<.0001 *
5nM-NA	1.649	<.0001 *
+NA	-0.63	1.0000
-NA	-0.65	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of cytosine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	0.213	0.0101 *
5nM-NA	-0.07	0.0830
50nM-NA	-0.13	0.1174
50nM+NA	-0.29	0.2958
-NA	-0.85	1.0000
+NA	0.043	0.0367 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of dAMP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
 2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.42	1.0000
+NA	0.6	<.0001 *
5nM-NA	3.83	<.0001 *
50nM-NA	3.83	<.0001 *
5nM+NA	3.83	<.0001 *
50nM+NA	3.83	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of dCMP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
5nM-NA	1.289	<.0001 *
5nM+NA	0.501	0.0009 *
+NA	-0.5	0.7397
-NA	-0.84	1.0000
50nM-NA	-0.04	0.0684
50nM+NA	0.461	0.0012 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of deoxyadenosine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.01	0.0564
+NA	-0.4	0.6490
-NA	-0.72	1.0000
5nM-NA	-0.53	0.9227
50nM+NA	-0.11	0.1169
50nM-NA	0.041	0.0356 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Deoxyheptulose-7-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
+NA	-0.36	0.6229
-NA	-0.67	1.0000
5nM+NA	-0.36	0.6173
50nM-NA	0.565	0.0001 *
5nM-NA	0.59	0.0001 *
50nM+NA	0.791	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of deoxyinosine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.74	0.5634
5nM+NA	-1.06	0.9142
-NA	-1.47	1.0000
+NA	-1	0.8677
50nM+NA	-0.98	0.8471
50nM-NA	-0.62	0.4162

Positive values show pairs of means that are significantly different.

Oneway Analysis of deoxyribose-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.95	0.8959
50nM-NA	-1.01	0.9442
+NA	-1.11	0.9874
5nM-NA	-1.16	0.9955
-NA	-1.34	1.0000
50nM+NA	-1.16	0.9955

Positive values show pairs of means that are significantly different.

Oneway Analysis of D-erythrose-4-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.94	1.0000
+NA	0.314	0.0058 *
5nM-NA	1.329	<.0001 *
50nM-NA	1.708	<.0001 *
5nM+NA	1.994	<.0001 *
50nM+NA	2.045	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of dGDP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.009	<.0001 *
50nM-NA	0.955	<.0001 *
5nM-NA	0.837	<.0001 *
5nM+NA	0.75	<.0001 *
-NA	-0.56	1.0000
+NA	-0.01	0.0538

Positive values show pairs of means that are significantly different.

Oneway Analysis of D-gluconate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.42	0.3859
50nM-NA	-0.58	0.6558
5nM+NA	-0.93	0.9987
-NA	-1.03	1.0000
50nM+NA	-0.78	0.9423
+NA	0.001	0.0497 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of D-glyceraldehyde-3-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	3.797	<.0001 *
50nM-NA	3.183	<.0001 *
5nM-NA	0.965	<.0001 *
5nM+NA	0.848	0.0001 *
-NA	-0.99	1.0000
+NA	-0.94	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of dGTP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.08	0.0718
5nM+NA	-0.74	0.7508
-NA	-1.22	1.0000
50nM-NA	-1.19	1.0000
+NA	-0.7	0.6897
50nM+NA	-0.12	0.0896

Positive values show pairs of means that are significantly different.

Oneway Analysis of dihydroxy-acetone-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-1.18	1.0000
+NA	-1.01	0.9937
5nM+NA	0.02	0.0453 *
5nM-NA	0.067	0.0355 *
50nM-NA	0.627	0.0015 *
50nM+NA	0.827	0.0004 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of dimethylglycine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-0.08	0.0945
50nM+NA	-0.17	0.1749
5nM-NA	-0.63	0.9935
5nM+NA	-0.65	0.9974
-NA	-0.74	1.0000
+NA	-0.34	0.4728

Positive values show pairs of means that are significantly different.

Oneway Analysis of DL-Pipecolic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.89	0.9948
5nM+NA	-0.95	0.9995
-NA	-1.04	1.0000
50nM-NA	-0.48	0.4764
+NA	-0.34	0.2826
50nM+NA	-0.23	0.1679

Positive values show pairs of means that are significantly different.

Oneway Analysis of D-Mannitol By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.36	0.8603
-NA	-0.54	1.0000
50nM-NA	-0.41	0.9461
50nM+NA	-0.06	0.0978
5nM+NA	0.206	0.0041 *
+NA	0.347	0.0006 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Sedoheptulose-1-7-bisphosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	3.684	<.0001 *
50nM-NA	3.536	<.0001 *
5nM+NA	1.524	<.0001 *
5nM-NA	1.271	<.0001 *
-NA	-0.54	1.0000
+NA	-0.45	0.9898

Positive values show pairs of means that are significantly different.

Oneway Analysis of FAD By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.94	1.0000
+NA	-0.84	0.9985
5nM+NA	-0.53	0.6609
5nM-NA	-0.28	0.2459
50nM+NA	0.08	0.0297 *
50nM-NA	0.279	0.0075 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of folate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.75	0.8899
5nM+NA	-0.91	0.9928
-NA	-1.08	1.0000
+NA	-0.68	0.7838
50nM+NA	-0.55	0.5765
50nM-NA	-0.36	0.2831

Positive values show pairs of means that are significantly different.

Oneway Analysis of fructose-1,6-bisphosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	3.992	<.0001 *
50nM+NA	3.957	<.0001 *
5nM+NA	0.754	<.0001 *
5nM-NA	0.668	<.0001 *
+NA	-0.58	1.0000
-NA	-0.58	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of fructose-6-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	3.969	<.0001 *
50nM+NA	3.915	<.0001 *
5nM+NA	0.756	<.0001 *
5nM-NA	0.594	<.0001 *
-NA	-0.44	1.0000
+NA	-0.44	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of fumarate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	0.975	0.0001 *
5nM-NA	0.752	0.0006 *
+NA	-0.06	0.0681
50nM+NA	-1.13	1.0000
-NA	-1.14	1.0000
50nM-NA	-1.07	0.9999

Positive values show pairs of means that are significantly different.

Oneway Analysis of Geranyl-PP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	1.637	<.0001 *
50nM+NA	1.324	<.0001 *
5nM+NA	0.841	0.0001 *
5nM-NA	-0.04	0.0655
+NA	-0.84	0.9988
-NA	-0.94	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Glucaric acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
50nM-NA	2.304	0.0017 *
5nM+NA	0.869	0.0151 *
+NA	-1.69	0.3360
50nM+NA	-2.87	0.7852
5nM-NA	-4.54	1.0000
-NA	-4.56	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of glucono-D-lactone By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.221	0.0190 *
5nM-NA	-0.02	0.0534
5nM+NA	-0.34	0.1836
50nM+NA	-0.57	0.3851
-NA	-1.41	1.0000
+NA	-1.19	0.9918

Positive values show pairs of means that are significantly different.

Oneway Analysis of Glucose By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-1.32	1.0000
-NA	-1.35	1.0000
50nM+NA	-0.14	0.0922
5nM+NA	0.157	0.0244 *
50nM-NA	0.492	0.0047 *
+NA	0.767	0.0011 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of glucose-6-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.17	0.1086
+NA	-0.81	0.7865
5nM-NA	-1.15	0.9991
-NA	-1.28	1.0000
50nM+NA	-0.75	0.7086
50nM-NA	-0.25	0.1457

Positive values show pairs of means that are significantly different.

Oneway Analysis of glutamate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	-0.54	0.7700
5nM-NA	-0.62	0.9116
50nM-NA	-0.62	0.9145
5nM+NA	-0.7	0.9812
-NA	-0.87	1.0000
+NA	-0.35	0.3878

Positive values show pairs of means that are significantly different.

Oneway Analysis of glutamine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.62	0.8562
-NA	-0.92	1.0000
5nM+NA	-0.91	1.0000
50nM-NA	-0.7	0.9578
+NA	-0.4	0.4390
50nM+NA	-0.1	0.0954

Positive values show pairs of means that are significantly different.

Oneway Analysis of glutathione By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.64	1.0000
50nM-NA	-0.45	0.8865
50nM+NA	-0.21	0.2737
+NA	-0.04	0.0719
5nM-NA	0.347	0.0014 *
5nM+NA	1.052	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of glutathione disulfide By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.74	1.0000
+NA	-0.21	0.2306
50nM-NA	0.117	0.0187 *
5nM-NA	0.555	0.0003 *
50nM+NA	0.621	0.0002 *
5nM+NA	0.721	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Glycerophosphocholine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.816	<.0001 *
50nM-NA	1.684	<.0001 *
5nM+NA	0.53	<.0001 *
5nM-NA	0.368	0.0001 *
-NA	-0.44	1.0000
+NA	-0.2	0.4796

Positive values show pairs of means that are significantly different.

Oneway Analysis of glycine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.87	1.0000
5nM+NA	-0.83	1.0000
5nM-NA	-0.75	0.9965
50nM+NA	-0.72	0.9901
50nM-NA	-0.53	0.7485
+NA	0.092	0.0261 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of GMP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
+NA	0.419	0.0050 *
-NA	-1.18	1.0000
5nM+NA	-0.29	0.1911
5nM-NA	0.172	0.0201 *
50nM+NA	0.212	0.0162 *
50nM-NA	0.428	0.0047 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Guanidoacetic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.68	1.0000
+NA	-0.17	0.1974
5nM+NA	0.74	<.0001 *
5nM-NA	0.822	<.0001 *
50nM-NA	1.159	<.0001 *
50nM+NA	1.279	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of histidine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.656	<.0001 *
50nM-NA	0.644	<.0001 *
5nM+NA	0.281	0.0024 *
50nM+NA	0.165	0.0089 *
-NA	-0.61	1.0000
+NA	-0.12	0.1507

Positive values show pairs of means that are significantly different.

Oneway Analysis of homocysteine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
+NA	-0.07	0.2942
5nM-NA	-0.19	0.9956
-NA	-0.22	1.0000
5nM+NA	-0.2	0.9997
50nM-NA	-0.05	0.1619
50nM+NA	-0.04	0.1487

Positive values show pairs of means that are significantly different.

Oneway Analysis of homoserine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.761	0.0019 *
5nM-NA	-0.3	0.1491
+NA	-0.63	0.3885
5nM+NA	-0.67	0.4350
-NA	-1.54	1.0000
50nM+NA	-1.46	0.9999

Positive values show pairs of means that are significantly different.

Oneway Analysis of Hydroxyisocaproic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)- LSD	p-Value
+NA	-0.83	0.9913
-NA	-0.99	1.0000
5nM+NA	1.404	<.0001 *
5nM-NA	1.447	<.0001 *
50nM-NA	1.818	<.0001 *
50nM+NA	1.833	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Hydroxylamine By Label
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Means Comparisons

Comparisons with a control using Dunnett's Method
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Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-1.64	0.7546
5nM+NA	-2.33	0.9961
-NA	-2.69	1.0000
+NA	-2.68	1.0000
50nM+NA	-1.95	0.9197
5nM-NA	-1.37	0.5695

Positive values show pairs of means that are significantly different.

Oneway Analysis of hydroxyphenylpyruvate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-1.69	1.0000
5nM-NA	-1.3	0.9576
5nM+NA	-1.04	0.7569
50nM+NA	-0.95	0.6588
50nM-NA	-0.62	0.3331
+NA	-0.54	0.2731

Positive values show pairs of means that are significantly different.

Oneway Analysis of hydroxyproline By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	0.313	0.0033 *
50nM+NA	0.195	0.0098 *
50nM-NA	-0.1	0.1097
5nM-NA	-0.18	0.1849
+NA	-0.6	0.9723
-NA	-0.76	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of IDP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.066	<.0001 *
50nM-NA	0.201	0.0136 *
5nM+NA	-0.01	0.0519
5nM-NA	-0.46	0.5086
-NA	-0.97	1.0000
+NA	-0.35	0.3179

Positive values show pairs of means that are significantly different.

Oneway Analysis of Imidazoleacetic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
+NA	-0.76	0.9998
-NA	-0.82	1.0000
5nM+NA	0.001	0.0496 *
5nM-NA	0.428	0.0015 *
50nM-NA	0.774	<.0001 *
50nM+NA	1.059	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of IMP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	2.238	<.0001 *
50nM-NA	1.776	<.0001 *
5nM-NA	0.823	<.0001 *
5nM+NA	0.459	0.0007 *
-NA	-0.72	1.0000
+NA	-0.57	0.9719

Positive values show pairs of means that are significantly different.

Oneway Analysis of indole By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	0.59	0.0002 *
5nM-NA	0.457	0.0009 *
50nM-NA	0.217	0.0081 *
50nM+NA	0.051	0.0332 *
-NA	-0.76	1.0000
+NA	-0.5	0.8269

Positive values show pairs of means that are significantly different.

Oneway Analysis of Indole-3-carboxylic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-1.17	1.0000
+NA	-0.5	0.4198
5nM-NA	0.462	0.0038 *
5nM+NA	0.671	0.0011 *
50nM+NA	1.175	<.0001 *
50nM-NA	1.178	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Indoleacrylic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.17	0.1175
5nM-NA	-0.17	0.1186
50nM+NA	-0.46	0.3980
50nM-NA	-0.59	0.6014
-NA	-1.12	1.0000
+NA	-0.99	0.9983

Positive values show pairs of means that are significantly different.

Oneway Analysis of inosine By Label
--

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
5nM-NA	2.803	<.0001 *
50nM-NA	1.099	<.0001 *
50nM+NA	-0.34	0.3203
5nM+NA	-0.42	0.4489
-NA	-0.95	1.0000
+NA	-0.74	0.9653

Positive values show pairs of means that are significantly different.

Oneway Analysis of isocitrate By Label**Means Comparisons****Comparisons with a control using Dunnett's Method**

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-2.07	1.0000
-NA	-2.14	1.0000
5nM+NA	-1.66	0.9626
+NA	-1.51	0.8987
50nM+NA	-1.03	0.5136
50nM-NA	-0.68	0.2696

Positive values show pairs of means that are significantly different.

Oneway Analysis of Isoleucine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
5nM-NA	0.136	0.0076 *
50nM+NA	-0.03	0.0725
50nM-NA	-0.18	0.3788
5nM+NA	-0.3	0.8235
-NA	-0.46	1.0000
+NA	-0.34	0.9195

Positive values show pairs of means that are significantly different.

Oneway Analysis of Ketohecanoic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	2.618	0.0003 *
+NA	-0.86	0.1843
5nM+NA	-1.62	0.4608
50nM+NA	-2.21	0.7555
-NA	-3.61	1.0000
50nM-NA	-2.1	0.7026

Positive values show pairs of means that are significantly different.

Oneway Analysis of Ketoleucine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
 2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.99	1.0000
+NA	-0.59	0.7269
5nM-NA	0.123	0.0234 *
5nM+NA	0.828	0.0002 *
50nM+NA	1.056	<.0001 *
50nM-NA	1.501	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Kynurenic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.32	1.0000
+NA	0.187	0.0010 *
5nM-NA	1.311	<.0001 *
5nM+NA	1.347	<.0001 *
50nM-NA	1.397	<.0001 *
50nM+NA	1.589	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Kynurenine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.08	0.0777
5nM+NA	-0.33	0.2779
50nM+NA	-0.63	0.7876
50nM-NA	-0.64	0.7965
-NA	-1	1.0000
+NA	-0.73	0.9259

Positive values show pairs of means that are significantly different.

Oneway Analysis of Lactic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-1.46	1.0000
5nM-NA	-1.09	0.9355
50nM-NA	1.344	<.0001 *
50nM+NA	1.5	<.0001 *
5nM+NA	1.797	<.0001 *
+NA	2.192	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of leucine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.726	<.0001 *
50nM-NA	0.423	0.0004 *
50nM+NA	0.423	0.0004 *
5nM+NA	0.353	0.0009 *
-NA	-0.59	1.0000
+NA	-0.28	0.5151

Positive values show pairs of means that are significantly different.

Oneway Analysis of lysine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.636	<.0001 *
5nM+NA	0.467	0.0006 *
50nM-NA	0.413	0.0010 *
50nM+NA	0.369	0.0016 *
-NA	-0.71	1.0000
+NA	-0.42	0.7206

Positive values show pairs of means that are significantly different.

Oneway Analysis of LysoPC(20:4) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-1.46	1.0000
50nM-NA	1.002	0.0005 *
5nM-NA	1.227	0.0002 *
+NA	2.165	<.0001 *
50nM+NA	2.354	<.0001 *
5nM+NA	3.625	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Maleic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	0.962	<.0001 *
5nM-NA	0.878	<.0001 *
50nM+NA	0.8	<.0001 *
50nM-NA	0.724	<.0001 *
+NA	-0.25	0.6558
-NA	-0.44	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Malic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	5.955	<.0001 *
5nM-NA	2.762	<.0001 *
+NA	-0.89	0.2536
-NA	-2.9	1.0000
50nM+NA	-0.93	0.2725
50nM-NA	-0.69	0.1826

Positive values show pairs of means that are significantly different.

Oneway Analysis of Mannose By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.36	0.7199
+NA	-0.37	0.7538
50nM-NA	-0.37	0.7618
50nM+NA	-0.41	0.8603
5nM-NA	-0.5	0.9869
-NA	-0.61	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of methionine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.469	0.0003 *
50nM-NA	0.287	0.0023 *
5nM+NA	0.156	0.0101 *
50nM+NA	0.093	0.0196 *
-NA	-0.62	1.0000
+NA	-0.11	0.1376

Positive values show pairs of means that are significantly different.

Oneway Analysis of Methionine sulfoxide By Label

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.17	0.0158 *
5nM+NA	0.142	0.0192 *
50nM+NA	-0.28	0.2572
50nM-NA	-0.61	0.8398
+NA	-0.85	0.9997
-NA	-0.92	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Methylcysteine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.118	0.0176 *
5nM+NA	-0.1	0.1156
50nM-NA	-0.14	0.1476
50nM+NA	-0.23	0.2745
-NA	-0.71	1.0000
+NA	-0.18	0.2043

Positive values show pairs of means that are significantly different.

Oneway Analysis of Methylmalonic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.67	1.0000
5nM-NA	0.324	0.0021 *
5nM+NA	0.586	0.0001 *
+NA	0.732	<.0001 *
50nM+NA	0.79	<.0001 *
50nM-NA	0.812	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of myo-inositol By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-1.25	1.0000
50nM-NA	-0.92	0.9243
5nM+NA	-0.85	0.8573
5nM-NA	-0.83	0.8354
+NA	-0.65	0.5798
50nM+NA	-0.26	0.1586

Positive values show pairs of means that are significantly different.

Oneway Analysis of N6-Acetyl-L-lysine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.605	<.0001 *
5nM+NA	0.516	0.0001 *
50nM-NA	0.084	0.0202 *
50nM+NA	-0.1	0.1372
-NA	-0.58	1.0000
+NA	-0.23	0.3798

Positive values show pairs of means that are significantly different.

Oneway Analysis of N-Acetylaspartyglutamic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	-0.17	0.1728
5nM+NA	-0.25	0.3016
-NA	-0.74	1.0000
+NA	-0.69	0.9998
5nM-NA	-0.01	0.0545
50nM-NA	0.089	0.0237 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of N-acetyl-glucosamine-1-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	-0.56	0.3838
50nM-NA	-0.72	0.5739
5nM-NA	-1.07	0.9561
-NA	-1.4	1.0000
+NA	-1.23	0.9974
5nM+NA	-1.14	0.9824

Positive values show pairs of means that are significantly different.

Oneway Analysis of N-acetyl-glutamine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	0.765	<.0001 *
5nM-NA	0.626	<.0001 *
50nM-NA	0.096	0.0159 *
50nM+NA	0.001	0.0494 *
-NA	-0.53	1.0000
+NA	-0.15	0.2211

Positive values show pairs of means that are significantly different.

Oneway Analysis of N-Acetyl-L-alanine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.51	1.0000
+NA	0.267	0.0016 *
5nM+NA	1.629	<.0001 *
5nM-NA	1.641	<.0001 *
50nM-NA	2.47	<.0001 *
50nM+NA	2.602	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of N-acetyl-L-ornithine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.955	<.0001 *
50nM-NA	0.677	<.0001 *
5nM+NA	0.652	<.0001 *
50nM+NA	0.127	0.0146 *
-NA	-0.65	1.0000
+NA	-0.07	0.0920

Positive values show pairs of means that are significantly different.

Oneway Analysis of N-Acetylputrescine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.22	1.0000
+NA	0.194	0.0001 *
5nM-NA	0.3	<.0001 *
50nM-NA	0.352	<.0001 *
5nM+NA	0.376	<.0001 *
50nM+NA	0.465	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of NAD By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
+NA	-1	1.0000
-NA	-1.01	1.0000
5nM-NA	5.529	<.0001 *
5nM+NA	5.534	<.0001 *
50nM-NA	5.541	<.0001 *
50nM+NA	5.542	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of NADH By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
+NA	-0.65	0.9993
-NA	-0.71	1.0000
5nM-NA	3.342	<.0001 *
5nM+NA	3.357	<.0001 *
50nM-NA	3.446	<.0001 *
50nM+NA	3.463	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of NADP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.49	1.0000
+NA	0.026	0.0365 *
5nM+NA	2.2	<.0001 *
5nM-NA	2.28	<.0001 *
50nM-NA	2.741	<.0001 *
50nM+NA	2.826	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of N-carbamoyl-L-aspartate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.75	1.0000
+NA	0.775	<.0001 *
5nM-NA	2.213	<.0001 *
5nM+NA	3.011	<.0001 *
50nM-NA	3.032	<.0001 *
50nM+NA	3.312	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of N-Formylglycinamide ribonucleotide By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.387	<.0001 *
50nM-NA	1.102	<.0001 *
5nM+NA	0.528	<.0001 *
5nM-NA	0.154	0.0029 *
+NA	-0.33	0.9999
-NA	-0.35	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Ng,NG-dimethyl-L-arginine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.1	0.0905
5nM+NA	-0.21	0.1679
50nM-NA	-0.62	0.8288
50nM+NA	-0.75	0.9725
-NA	-0.94	1.0000
+NA	-0.83	0.9972

Positive values show pairs of means that are significantly different.

Oneway Analysis of Nicotinamide By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.79	0.6915
5nM+NA	-1.3	1.0000
-NA	-1.36	1.0000
50nM-NA	-1.24	0.9993
+NA	-0.79	0.7004
50nM+NA	-0.32	0.1779

Positive values show pairs of means that are significantly different.

Oneway Analysis of Nicotinamide ribotide By Label**Means Comparisons****Comparisons with a control using Dunnett's Method**

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.59	1.0000
+NA	-0.15	0.1990
5nM-NA	3.359	<.0001 *
50nM-NA	3.359	<.0001 *
5nM+NA	3.359	<.0001 *
50nM+NA	3.359	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Nicotinic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	4.355	<.0001 *
+NA	3.618	<.0001 *
50nM+NA	2.991	<.0001 *
-NA	-0.87	1.0000
5nM-NA	-0.87	1.0000
50nM-NA	-0.87	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Nicotyrine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	0.036	0.0016 *
50nM-NA	-0.02	0.2920
5nM-NA	-0.06	0.9946
-NA	-0.07	1.0000
5nM+NA	-0.03	0.4708
+NA	-0.02	0.2033

Positive values show pairs of means that are significantly different.

Oneway Analysis of O-acetyl-L-serine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.52	1.0000
+NA	0.034	0.0335 *
5nM-NA	0.806	<.0001 *
5nM+NA	1.247	<.0001 *
50nM-NA	1.279	<.0001 *
50nM+NA	1.648	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of octulose-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	3.741	<.0001 *
50nM-NA	3.618	<.0001 *
5nM+NA	1.542	<.0001 *
5nM-NA	1.422	<.0001 *
-NA	-0.47	1.0000
+NA	-0.35	0.9434

Positive values show pairs of means that are significantly different.

Oneway Analysis of ornithine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.664	<.0001 *
50nM-NA	0.446	0.0007 *
5nM+NA	0.312	0.0028 *
50nM+NA	0.285	0.0037 *
-NA	-0.71	1.0000
+NA	-0.63	0.9977

Positive values show pairs of means that are significantly different.

Oneway Analysis of orotate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.14	0.0192 *
5nM+NA	-0.02	0.0553
5nM-NA	-0.06	0.0756
50nM+NA	-0.19	0.1636
-NA	-0.91	1.0000
+NA	-0.71	0.9698

Positive values show pairs of means that are significantly different.

Oneway Analysis of Orotidine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	3.675	<.0001 *
50nM-NA	2.557	<.0001 *
5nM+NA	2.474	<.0001 *
5nM-NA	2.024	<.0001 *
-NA	-0.35	1.0000
+NA	-0.34	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Palmitic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.166	<.0001 *
5nM-NA	-0.09	0.9999
-NA	-0.1	1.0000
5nM+NA	-4e-3	0.0643
50nM+NA	0.003	0.0417 *
+NA	0.004	0.0389 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of pantothenate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-0.44	0.6731
-NA	-0.77	1.0000
5nM-NA	-0.56	0.9247
50nM+NA	-0.31	0.3748
+NA	0.468	0.0008 *
5nM+NA	0.485	0.0007 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of PC (13:0) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	0.318	0.0004 *
-NA	-0.45	1.0000
+NA	-0.37	0.9885
50nM-NA	-0.35	0.9704
5nM+NA	-0.3	0.8644
5nM-NA	-0.09	0.1491

Positive values show pairs of means that are significantly different.

Oneway Analysis of PC (14:0) By Label
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Means Comparisons

Comparisons with a control using Dunnett's Method
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Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.7	1.0000
50nM-NA	0.443	0.0007 *
50nM+NA	0.514	0.0003 *
5nM-NA	0.66	<.0001 *
+NA	0.666	<.0001 *
5nM+NA	0.785	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of PC (15:1) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-0.12	0.5329
-NA	-0.24	1.0000
5nM-NA	-0.1	0.3684
50nM+NA	0.432	<.0001 *
+NA	0.506	<.0001 *
5nM+NA	0.579	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of PC(15:0) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	-0.27	0.1017
-NA	-2.14	1.0000
5nM+NA	-0.02	0.0524
5nM-NA	1.672	0.0002 *
+NA	2.698	<.0001 *
50nM-NA	2.969	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of PC(16:1) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	0.59	0.0005 *
-NA	-0.86	1.0000
5nM-NA	0.093	0.0258 *
5nM+NA	0.153	0.0165 *
+NA	0.158	0.0159 *
50nM-NA	0.18	0.0135 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of PC(17:1) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.44	1.0000
50nM-NA	0.267	0.0009 *
5nM-NA	0.314	0.0004 *
50nM+NA	0.526	<.0001 *
5nM+NA	0.976	<.0001 *
+NA	1.212	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of PC(17:2) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.2	1.0000
50nM-NA	-0.12	0.7661
5nM-NA	0.022	0.0258 *
+NA	0.196	<.0001 *
5nM+NA	0.266	<.0001 *
50nM+NA	0.354	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of p-coumaric acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	-6e-4	0.0508
5nM-NA	-0.02	0.0903
5nM+NA	-0.13	0.7339
50nM-NA	-0.15	0.8602
-NA	-0.22	1.0000
+NA	-0.15	0.8694

Positive values show pairs of means that are significantly different.

Oneway Analysis of Pentadecanal By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.705	<.0001 *
50nM-NA	0.569	<.0001 *
5nM+NA	0.483	<.0001 *
50nM+NA	-0.18	0.2907
-NA	-0.52	1.0000
+NA	-0.52	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of phenylalanine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.344	0.0017 *
5nM+NA	0.075	0.0254 *
50nM-NA	0.039	0.0352 *
50nM+NA	-0.13	0.1466
-NA	-0.68	1.0000
+NA	-0.29	0.4279

Positive values show pairs of means that are significantly different.

Oneway Analysis of Phenyllactic acid By Label
--

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.25	0.2381
5nM+NA	-0.31	0.3155
50nM-NA	-0.7	0.9821
50nM+NA	-0.75	0.9963
-NA	-0.87	1.0000
+NA	-0.11	0.1044

Positive values show pairs of means that are significantly different.

Oneway Analysis of Phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	0.588	<.0001 *
50nM-NA	0.433	0.0002 *
5nM+NA	0.194	0.0046 *
+NA	-0.03	0.0699
5nM-NA	-0.37	0.8942
-NA	-0.53	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Phosphatidylglycerol By Label

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	2.88	<.0001 *
+NA	2.389	<.0001 *
50nM+NA	-0.24	0.0864
5nM-NA	-0.5	0.1464
-NA	-2.57	1.0000
50nM-NA	-1.68	0.8249

Positive values show pairs of means that are significantly different.

Oneway Analysis of phosphoenolpyruvate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-0.93	1.0000
5nM-NA	-0.88	1.0000
5nM+NA	-0.82	0.9978
50nM-NA	-0.58	0.7671
+NA	-0.3	0.2710
50nM+NA	-0.24	0.2036

Positive values show pairs of means that are significantly different.

Oneway Analysis of Phosphorylcholine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.54	0.8961
-NA	-0.77	1.0000
50nM-NA	-0.65	0.9915
5nM+NA	-0.42	0.6332
50nM+NA	-0.34	0.4473
+NA	0.234	0.0071 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of p-hydroxybenzoate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.542	0.0002 *
5nM+NA	0.425	0.0008 *
50nM-NA	0.232	0.0057 *
50nM+NA	0.074	0.0258 *
-NA	-0.69	1.0000
+NA	-0.4	0.6948

Positive values show pairs of means that are significantly different.

Oneway Analysis of PI(16:0/20:2) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	2.165	<.0001 *
5nM-NA	-0.36	0.1718
50nM+NA	-1.56	1.0000
-NA	-1.62	1.0000
+NA	0.64	0.0038 *
5nM+NA	1.111	0.0005 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of PI(16:0/22:4) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	5.501	<.0001 *
50nM+NA	0.383	0.0248 *
5nM-NA	-0.3	0.0833
-NA	-3.36	1.0000
5nM+NA	-0.46	0.1087
+NA	-0.15	0.0650

Positive values show pairs of means that are significantly different.

Oneway Analysis of PI(16:1/22:4) By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	5.697	<.0001 *
50nM+NA	1.501	0.0007 *
5nM-NA	1.202	0.0017 *
-NA	-2.36	1.0000
5nM+NA	-0.37	0.1204
+NA	0.232	0.0274 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Piperidine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	0.031	0.0208 *
50nM-NA	-0.07	0.2672
5nM-NA	-0.15	0.8931
5nM+NA	-0.21	1.0000
-NA	-0.22	1.0000
+NA	-0.21	0.9999

Positive values show pairs of means that are significantly different.

Oneway Analysis of proline By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	1.881	<.0001 *
5nM+NA	1.096	<.0001 *
50nM+NA	0.741	<.0001 *
50nM-NA	0.736	<.0001 *
-NA	-0.66	1.0000
+NA	-0.66	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of purine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.361	0.0014 *
5nM+NA	0.01	0.0457 *
50nM-NA	-0.06	0.0845
50nM+NA	-0.37	0.6434
-NA	-0.68	1.0000
+NA	-0.23	0.2857

Positive values show pairs of means that are significantly different.

Oneway Analysis of pyridoxine By Label**Means Comparisons****Comparisons with a control using Dunnett's Method**

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
5nM-NA	-0.87	0.9976
-NA	-0.99	1.0000
5nM+NA	-0.81	0.9842
50nM-NA	-0.41	0.4108
+NA	-0.31	0.2577
50nM+NA	-0.25	0.2026

Positive values show pairs of means that are significantly different.

Oneway Analysis of Pyroglutamate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
+NA	-4.3	0.3052
50nM+NA	-12.4	1.0000
50nM-NA	-12.4	1.0000
5nM-NA	-12.4	1.0000
5nM+NA	-12.4	1.0000
-NA	-12.4	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of pyruvate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-1.06	1.0000
+NA	-0.59	0.6622
5nM+NA	-0.39	0.3302
5nM-NA	-0.15	0.1102
50nM-NA	0.705	0.0005 *
50nM+NA	0.712	0.0005 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of riboflavin By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.94	0.9999
-NA	-1	1.0000
5nM+NA	-0.73	0.9237
50nM-NA	-0.36	0.3305
+NA	-0.32	0.2732
50nM+NA	-0.3	0.2511

Positive values show pairs of means that are significantly different.

Oneway Analysis of ribose-5-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	2.526	<.0001 *
50nM-NA	1.191	<.0001 *
5nM+NA	0.61	0.0009 *
5nM-NA	0.216	0.0134 *
-NA	-1.03	1.0000
+NA	-0.94	0.9994

Positive values show pairs of means that are significantly different.

Oneway Analysis of S-adenosyl-L-homoCysteine By Label
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Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.28	0.4747
50nM+NA	-0.31	0.5325
50nM-NA	-0.31	0.5604
-NA	-0.62	1.0000
5nM+NA	-0.43	0.8698
+NA	0.498	0.0002 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of S-adenosyl-L-methioninamine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-1.23	1.0000
+NA	-0.36	0.2417
5nM-NA	-0.33	0.2136
50nM-NA	-0.23	0.1432
5nM+NA	0.669	0.0013 *
50nM+NA	0.8	0.0006 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of S-adenosyl-L-methionine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	2.672	<.0001 *
50nM+NA	2.46	<.0001 *
5nM-NA	1.703	<.0001 *
5nM+NA	1.453	<.0001 *
-NA	-0.47	1.0000
+NA	-0.39	0.9874

Positive values show pairs of means that are significantly different.

Oneway Analysis of sarcosine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.617	<.0001 *
50nM-NA	1.427	<.0001 *
5nM+NA	0.798	<.0001 *
5nM-NA	0.433	<.0001 *
+NA	-0.07	0.1462
-NA	-0.36	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Sedoheptulose 7-phosphate By Label
--

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	3.216	<.0001 *
50nM-NA	1.799	<.0001 *
5nM+NA	1.111	<.0001 *
5nM-NA	0.567	<.0001 *
+NA	-0.34	1.0000
-NA	-0.36	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of serine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method
--

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	-0.63	0.5867
50nM-NA	-0.9	0.9362
+NA	-1.08	0.9986
-NA	-1.21	1.0000
5nM+NA	-0.93	0.9548
5nM-NA	-0.91	0.9393

Positive values show pairs of means that are significantly different.

Oneway Analysis of S-methyl-5-thioadenosine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.92	1.0000
+NA	1.04	<.0001 *
5nM-NA	2.944	<.0001 *
50nM-NA	4.748	<.0001 *
5nM+NA	4.993	<.0001 *
50nM+NA	5.329	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of sn-glycerol-3-phosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	1.417	<.0001 *
50nM+NA	1.277	<.0001 *
5nM+NA	-0.15	0.0988
5nM-NA	-0.59	0.5130
-NA	-1.24	1.0000
+NA	-1.05	0.9928

Positive values show pairs of means that are significantly different.

Oneway Analysis of Spermidine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	2.562	<.0001 *
50nM+NA	1.703	<.0001 *
5nM-NA	0.63	<.0001 *
5nM+NA	0.269	0.0007 *
-NA	-0.43	1.0000
+NA	-0.35	0.9832

Positive values show pairs of means that are significantly different.

Oneway Analysis of Spermine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.094	0.0002 *
50nM+NA	0.005	0.0388 *
5nM+NA	-0.04	0.3065
+NA	-0.05	0.4470
5nM-NA	-0.05	0.5003
-NA	-0.11	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of Stearic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.043	0.0068 *
5nM-NA	-0.05	0.3331
-NA	-0.14	1.0000
5nM+NA	-0.06	0.4650
+NA	-0.05	0.3441
50nM+NA	0.007	0.0369 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of succinate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.58	0.4148
50nM+NA	-0.61	0.4492
5nM+NA	-0.83	0.7494
50nM-NA	-0.95	0.8782
-NA	-1.37	1.0000
+NA	-1.17	0.9948

Positive values show pairs of means that are significantly different.

Oneway Analysis of succinyl-CoA By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.81	0.8498
+NA	-1.04	0.9951
-NA	-1.21	1.0000
5nM-NA	-0.55	0.4651
50nM-NA	-0.32	0.2087
50nM+NA	0.188	0.0190 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of taurine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.73	1.0000
50nM-NA	0.027	0.0402 *
+NA	0.113	0.0193 *
5nM-NA	0.314	0.0030 *
5nM+NA	0.498	0.0005 *
50nM+NA	0.572	0.0002 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Taurodeoxycholic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-1.35	0.9999
-NA	-1.44	1.0000
5nM+NA	-1.08	0.9424
50nM-NA	-1.02	0.8968
50nM+NA	-0.73	0.5642
+NA	-0.58	0.3843

Positive values show pairs of means that are significantly different.

Oneway Analysis of thiamine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
5nM-NA	-0.61	0.8450
-NA	-0.92	1.0000
5nM+NA	-0.86	0.9999
50nM-NA	-0.66	0.9083
50nM+NA	-0.49	0.6042
+NA	-0.27	0.2397

Positive values show pairs of means that are significantly different.

Oneway Analysis of Thiamine pyrophosphate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)- LSD	p-Value
-NA	-1.07	1.0000
+NA	-8e-5	0.0500
5nM-NA	0.004	0.0489 *
50nM-NA	0.091	0.0299 *
5nM+NA	0.208	0.0148 *
50nM+NA	1.053	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of threonine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.492	0.0001 *
50nM-NA	0.423	0.0003 *
50nM+NA	0.223	0.0039 *
5nM+NA	0.183	0.0064 *
-NA	-0.57	1.0000
+NA	-0.06	0.0873

Positive values show pairs of means that are significantly different.

Oneway Analysis of thymidine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	2.088	<.0001 *
50nM-NA	1.765	<.0001 *
5nM+NA	0.565	0.0004 *
5nM-NA	0.307	0.0043 *
-NA	-0.81	1.0000
+NA	-0.79	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of tryptophan By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.367	0.0011 *
5nM+NA	0.205	0.0064 *
50nM+NA	0.042	0.0334 *
50nM-NA	0.027	0.0388 *
-NA	-0.64	1.0000
+NA	-0.22	0.2928

Positive values show pairs of means that are significantly different.

Oneway Analysis of tyrosine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

|d| Alpha
2.65691 0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.293	0.0029 *
5nM+NA	0.159	0.0114 *
50nM-NA	0.028	0.0392 *
50nM+NA	-0.02	0.0604
-NA	-0.68	1.0000
+NA	-0.32	0.5084

Positive values show pairs of means that are significantly different.

Oneway Analysis of UDP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	0.135	0.0213 *
5nM+NA	-0.05	0.0668
50nM-NA	-0.22	0.1717
50nM+NA	-0.86	0.9976
-NA	-0.98	1.0000
+NA	-0.11	0.0979

Positive values show pairs of means that are significantly different.

Oneway Analysis of UDP-D-glucose By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	0.349	0.0014 *
5nM-NA	0.018	0.0422 *
+NA	-0.42	0.8119
-NA	-0.65	1.0000
50nM+NA	0.745	<.0001 *
50nM-NA	0.804	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of UDP-D-glucuronate By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
-NA	-0.64	1.0000
+NA	-0.26	0.3805
5nM+NA	1.861	<.0001 *
5nM-NA	1.881	<.0001 *
50nM-NA	2.478	<.0001 *
50nM+NA	2.701	<.0001 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of UDP-N-acetyl-glucosamine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.53	0.7429
5nM-NA	-0.65	0.9456
-NA	-0.87	1.0000
+NA	-0.2	0.1798
50nM-NA	0.006	0.0480 *
50nM+NA	0.4	0.0024 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Urea By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
+NA	0.014	0.0239 *
5nM+NA	5e-4	0.0487 *
-NA	-0.12	1.0000
5nM-NA	0.064	0.0013 *
50nM-NA	0.064	0.0012 *
50nM+NA	0.064	0.0012 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Uric acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.86	0.9935
-NA	-1.01	1.0000
5nM+NA	-0.8	0.9705
50nM+NA	-0.62	0.7533
50nM-NA	-0.57	0.6585
+NA	-0.49	0.5204

Positive values show pairs of means that are significantly different.

Oneway Analysis of uridine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

d	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM+NA	1.472	<.0001 *
50nM-NA	1.164	0.0001 *
5nM+NA	0.453	0.0055 *
5nM-NA	-0.13	0.0886
+NA	-1.3	1.0000
-NA	-1.32	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of UTP By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM-NA	-0.01	0.0528
-NA	-1.46	1.0000
50nM-NA	-1.06	0.9213
+NA	-0.06	0.0629
5nM+NA	0.255	0.0168 *
50nM+NA	1.08	0.0003 *

Positive values show pairs of means that are significantly different.

Oneway Analysis of Valine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	0.528	<.0001 *
50nM+NA	0.362	<.0001 *
5nM-NA	0.262	<.0001 *
5nM+NA	0.128	0.0005 *
+NA	-0.17	0.9978
-NA	-0.19	1.0000

Positive values show pairs of means that are significantly different.

Oneway Analysis of xanthine By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
5nM+NA	-0.52	0.9994
5nM-NA	-0.55	1.0000
-NA	-0.57	1.0000
50nM+NA	-0.56	1.0000
50nM-NA	-0.5	0.9965
+NA	-0.5	0.9957

Positive values show pairs of means that are significantly different.

Oneway Analysis of Xanthurenic acid By Label

Means Comparisons

Comparisons with a control using Dunnett's Method

Control Group = -NA

 d 	Alpha
2.65691	0.05

Level	Abs(Dif)-	
	LSD	p-Value
50nM-NA	-0.11	0.1048
5nM-NA	-0.21	0.2027
50nM+NA	-0.46	0.6562
5nM+NA	-0.52	0.7952
-NA	-0.82	1.0000
+NA	-3e-3	0.0509

Positive values show pairs of means that are significantly different.