

# Engineering Gels with Time-Evolving Viscoelasticity

The following tables report the data plotted in the graphs in the main text and the results of the statistical analyses (significant differences are highlighted in green).

## 1. First (chemical) crosslinking step (day 0)

	2.5 mM		5 mM		10 mM		25 mM		50 mM	
	Mean	SEM	Mean	SEM	Mean	SEM	Mean	SEM	Mean	SEM
$E_{inst}$ (Pa)	4604	60	13920	111	29090	166	44110	221	53180	135
$E_{eq}$ (Pa)	1564	4	8480	68	19165	43	25573	66	30745	66
$\tau$ (s)	0.37	0.01	0.62	0.03	0.84	0.03	1.03	0.02	1.07	0.02

### Instantaneous modulus ( $E_{inst}$ )

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
2.5 vs. 5 mM	-9316	-9898 to -8734	Yes	****	< 0.0001
2.5 vs. 10 mM	-24486	-25068 to -23904	Yes	****	< 0.0001
2.5 vs. 25 mM	-39506	-40088 to -38924	Yes	****	< 0.0001
2.5 vs. 50 mM	-48576	-49158 to -47994	Yes	****	< 0.0001
5 vs. 10 mM	-15170	-15752 to -14588	Yes	****	< 0.0001
5 vs. 25 mM	-30190	-30772 to -29608	Yes	****	< 0.0001
5 vs. 50 mM	-39260	-39842 to -38678	Yes	****	< 0.0001
10 vs. 25 mM	-15020	-15602 to -14438	Yes	****	< 0.0001
10 vs. 50 mM	-24090	-24672 to -23508	Yes	****	< 0.0001
25 vs. 50 mM	-9070	-9652 to -8488	Yes	****	< 0.0001

### Equilibrium modulus ( $E_{eq}$ )

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
2.5 vs. 5 mM	-6916	-7132 to -6700	Yes	****	< 0.0001
2.5 vs. 10 mM	-17601	-17817 to -17385	Yes	****	< 0.0001
2.5 vs. 25 mM	-24009	-24225 to -23793	Yes	****	< 0.0001
2.5 vs. 50 mM	-29181	-29397 to -28965	Yes	****	< 0.0001
5 vs. 10 mM	-10685	-10901 to -10469	Yes	****	< 0.0001
5 vs. 25 mM	-17093	-17309 to -16877	Yes	****	< 0.0001
5 vs. 50 mM	-22265	-22481 to -22049	Yes	****	< 0.0001
10 vs. 25 mM	-6408	-6624 to -6192	Yes	****	< 0.0001
10 vs. 50 mM	-11580	-11796 to -11364	Yes	****	< 0.0001

25 vs. 50 mM	-5172	-5388 to -4956	Yes	****	< 0.0001
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Relaxation time  $\tau$  (s)

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
2.5 vs. 5 mM	-0.25	-0.3409 to -0.1591	Yes	****	< 0.0001
2.5 vs. 10 mM	-0.47	-0.5609 to -0.3791	Yes	****	< 0.0001
2.5 vs. 25 mM	-0.66	-0.7509 to -0.5691	Yes	****	< 0.0001
2.5 vs. 50 mM	-0.7	-0.7909 to -0.6091	Yes	****	< 0.0001
5 vs. 10 mM	-0.22	-0.3109 to -0.1291	Yes	****	< 0.0001
5 vs. 25 mM	-0.41	-0.5009 to -0.3191	Yes	****	< 0.0001
5 vs. 50 mM	-0.45	-0.5409 to -0.3591	Yes	****	< 0.0001
10 vs. 25 mM	-0.19	-0.2809 to -0.09909	Yes	****	< 0.0001
10 vs. 50 mM	-0.23	-0.3209 to -0.1391	Yes	****	< 0.0001
25 vs. 50 mM	-0.04	-0.1309 to 0.05091	No	ns	0.7414

## 2. Second (enzymatic) crosslinking step

### 2.5 mM GTA Gels

- Instantaneous modulus ( $E_{inst}$ )

	Day 0		Day 1		Day 4		Day 7	
	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)
0 U/g	4604	60	3439	39	2170	17	3909	129
1 U/g	-	-	31810	115	35850	139	26835	151
10 U/g	-	-	59874	322	62413	503	59455	573
100 U/g	-	-	62734	356	84134	228	82258	436

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>Day 0</b>					
0 vs. 1 U/g	0	-975.3 to 975.3	No	ns	> 0.9999
0 vs. 10 U/g	0	-975.3 to 975.3	No	ns	> 0.9999
0 vs. 100 U/g	0	-975.3 to 975.3	No	ns	> 0.9999
1 vs. 10 U/g	0	-975.3 to 975.3	No	ns	> 0.9999
1 vs. 100 U/g	0	-975.3 to 975.3	No	ns	> 0.9999
10 vs. 100 U/g	0	-975.3 to 975.3	No	ns	> 0.9999
<b>Day 1</b>					
0 vs. 1 U/g	-28371	-29346 to -27396	Yes	****	< 0.0001

0 vs. 10 U/g	-56435	-57411 to -55460	Yes	****	< 0.0001
0 vs. 100 U/g	-59295	-60270 to -58320	Yes	****	< 0.0001
1 vs. 10 U/g	-28064	-29040 to -27089	Yes	****	< 0.0001
1 vs. 100 U/g	-30924	-31899 to -29949	Yes	****	< 0.0001
10 vs. 100 U/g	-2860	-3835 to -1884	Yes	****	< 0.0001
<b>Day 4</b>					
0 vs. 1 U/g	-33680	-34655 to -32705	Yes	****	< 0.0001
0 vs. 10 U/g	-60244	-61219 to -59268	Yes	****	< 0.0001
0 vs. 100 U/g	-81964	-82939 to -80989	Yes	****	< 0.0001
1 vs. 10 U/g	-26564	-27539 to -25588	Yes	****	< 0.0001
1 vs. 100 U/g	-48284	-49259 to -47309	Yes	****	< 0.0001
10 vs. 100 U/g	-21720	-22696 to -20745	Yes	****	< 0.0001
<b>Day 7</b>					
0 vs. 1 U/g	-22926	-23901 to -21951	Yes	****	< 0.0001
0 vs. 10 U/g	-55546	-56521 to -54571	Yes	****	< 0.0001
0 vs. 100 U/g	-78350	-79325 to -77375	Yes	****	< 0.0001
1 vs. 10 U/g	-32620	-33595 to -31645	Yes	****	< 0.0001
1 vs. 100 U/g	-55424	-56399 to -54448	Yes	****	< 0.0001
10 vs. 100 U/g	-22804	-23779 to -21828	Yes	****	< 0.0001

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
0 U/g					
0 vs. 1 (day)	1165	189.7 to 2140	Yes	*	0.0118
0 vs. 4 (day)	2434	1459 to 3410	Yes	****	< 0.0001
0 vs. 7 (day)	695.4	-279.9 to 1671	No	ns	0.2564
1 vs. 4 (day)	1269	294.1 to 2245	Yes	**	0.0048
1 vs. 7 (day)	-469.6	-1445 to 505.7	No	ns	0.6004
4 vs. 7 (day)	-1739	-2714 to -763.7	Yes	****	< 0.0001
<b>1 U/g</b>					
0 vs. 1 (day)	-27206	-28181 to -26231	Yes	****	< 0.0001
0 vs. 4 (day)	-31246	-32221 to -30270	Yes	****	< 0.0001
0 vs. 7 (day)	-22231	-23206 to -21255	Yes	****	< 0.0001
1 vs. 4 (day)	-4040	-5015 to -3064	Yes	****	< 0.0001
1 vs. 7 (day)	4975	4000 to 5951	Yes	****	< 0.0001
4 vs. 7 (day)	9015	8040 to 9990	Yes	****	< 0.0001
<b>10 U/g</b>					

0 vs. 1 (day)	-55270	-56246 to -54295	Yes	****	< 0.0001
0 vs. 4 (day)	-57809	-58785 to -56834	Yes	****	< 0.0001
0 vs. 7 (day)	-54851	-55826 to -53876	Yes	****	< 0.0001
1 vs. 4 (day)	-2539	-3514 to -1564	Yes	****	< 0.0001
1 vs. 7 (day)	419.6	-555.7 to 1395	No	ns	0.6837
4 vs. 7 (day)	2958	1983 to 3934	Yes	****	< 0.0001
100 U/g					
0 vs. 1 (day)	-58130	-59105 to -57155	Yes	****	< 0.0001
0 vs. 4 (day)	-79530	-80505 to -78554	Yes	****	< 0.0001
0 vs. 7 (day)	-77654	-78630 to -76679	Yes	****	< 0.0001
1 vs. 4 (day)	-21400	-22375 to -20424	Yes	****	< 0.0001
1 vs. 7 (day)	-19525	-20500 to -18549	Yes	****	< 0.0001
4 vs. 7 (day)	1875	899.9 to 2850	Yes	****	< 0.0001

- Equilibrium modulus ( $E_{eq}$ )

	Day 0		Day 1		Day 4		Day 7	
	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)
0 U/g	1564	4	1435	11	1237	4	1238	4
1 U/g	-	-	18333	46	18036	62	18036	62
10 U/g	-	-	40312	120	40299	398	40299	398
100 U/g	-	-	50849	205	50096	87	50096	87

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>Day 0</b>					
0 vs. 1 U/g	0	-548.8 to 548.8	No	ns	> 0.9999
0 vs. 10 U/g	0	-548.8 to 548.8	No	ns	> 0.9999
0 vs. 100 U/g	0	-548.8 to 548.8	No	ns	> 0.9999
1 vs. 10 U/g	0	-548.8 to 548.8	No	ns	> 0.9999
1 vs. 100 U/g	0	-548.8 to 548.8	No	ns	> 0.9999
10 vs. 100 U/g	0	-548.8 to 548.8	No	ns	> 0.9999
<b>Day 1</b>					
0 vs. 1 U/g	-16898	-17447 to -16350	Yes	****	< 0.0001
0 vs. 10 U/g	-38877	-39426 to -38328	Yes	****	< 0.0001
0 vs. 100 U/g	-49414	-49963 to -48866	Yes	****	< 0.0001
1 vs. 10 U/g	-21979	-22528 to -21430	Yes	****	< 0.0001
1 vs. 100 U/g	-32516	-33065 to -31967	Yes	****	< 0.0001
10 vs. 100 U/g	-10537	-11086 to -9988	Yes	****	< 0.0001

<b>Day 4</b>					
0 vs. 1 U/g	-16798	-17347 to -16249	Yes	****	< 0.0001
0 vs. 10 U/g	-39061	-39610 to -38512	Yes	****	< 0.0001
0 vs. 100 U/g	-48858	-49407 to -48310	Yes	****	< 0.0001
1 vs. 10 U/g	-22263	-22812 to -21714	Yes	****	< 0.0001
1 vs. 100 U/g	-32061	-32609 to -31512	Yes	****	< 0.0001
10 vs. 100 U/g	-9798	-10346 to -9249	Yes	****	< 0.0001
<b>Day 7</b>					
0 vs. 1 U/g	-16819	-17368 to -16270	Yes	****	< 0.0001
0 vs. 10 U/g	-41566	-42115 to -41017	Yes	****	< 0.0001
0 vs. 100 U/g	-49916	-50465 to -49367	Yes	****	< 0.0001
1 vs. 10 U/g	-24747	-25296 to -24198	Yes	****	< 0.0001
1 vs. 100 U/g	-33097	-33646 to -32548	Yes	****	< 0.0001
10 vs. 100 U/g	-8350	-8899 to -7801	Yes	****	< 0.0001

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>0 U/g</b>					
0 vs. 1 (day)	129	-419.8 to 677.8	No	ns	0.9301
0 vs. 4 (day)	326.2	-222.6 to 875.0	No	ns	0.4185
0 vs. 7 (day)	670.8	122.0 to 1220	Yes	**	0.0094
1 vs. 4 (day)	197.2	-351.6 to 746.0	No	ns	0.7904
1 vs. 7 (day)	541.8	-7.046 to 1091	No	ns	0.0545
4 vs. 7 (day)	344.6	-204.3 to 893.4	No	ns	0.3688
<b>1 U/g</b>					
0 vs. 1 (day)	-16769	-17318 to -16221	Yes	****	< 0.0001
0 vs. 4 (day)	-16472	-17021 to -15923	Yes	****	< 0.0001
0 vs. 7 (day)	-16148	-16697 to -15600	Yes	****	< 0.0001
1 vs. 4 (day)	297.7	-251.1 to 846.5	No	ns	0.5005
1 vs. 7 (day)	621	72.18 to 1170	Yes	*	0.0193
4 vs. 7 (day)	323.3	-225.5 to 872.1	No	ns	0.4267
<b>10 U/g</b>					
0 vs. 1 (day)	-38748	-39297 to -38199	Yes	****	< 0.0001
0 vs. 4 (day)	-38735	-39284 to -38186	Yes	****	< 0.0001

0 vs. 7 (day)	-40896	-41444 to -40347	Yes	****	< 0.0001
1 vs. 4 (day)	13.42	-535.4 to 562.2	No	ns	> 0.9999
1 vs. 7 (day)	-2147	-2696 to -1599	Yes	****	< 0.0001
4 vs. 7 (day)	-2161	-2710 to -1612	Yes	****	< 0.0001
<b>100 U/g</b>					
0 vs. 1 (day)	-49285	-49834 to -48737	Yes	****	< 0.0001
0 vs. 4 (day)	-48532	-49081 to -47983	Yes	****	< 0.0001
0 vs. 7 (day)	-49245	-49794 to -48697	Yes	****	< 0.0001
1 vs. 4 (day)	753.2	204.4 to 1302	Yes	**	0.0025
1 vs. 7 (day)	40	-508.8 to 588.8	No	ns	0.9976
4 vs. 7 (day)	-713.2	-1262 to -164.4	Yes	**	0.0048

- Relaxation time ( $\tau$ )

	Day 0		Day 1		Day 4		Day 7	
	Mean (s)	SEM (s)	Mean (s)	SEM (s)	Mean (s)	SEM (s)	Mean (s)	SEM (s)
0 U/g	0.37	0.01	0.36	0.01	0.31	0.01	0.18	0.01
1 U/g	-	-	0.79	0.01	0.57	0.01	0.36	0.01
10 U/g	-	-	0.90	0.03	0.73	0.05	0.50	0.04
100 U/g	-	-	1.03	0.09	0.91	0.014	0.62	0.02

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>Day 0</b>					
0 vs. 1 U/g	0	-0.1161 to 0.1161	No	ns	> 0.9999
0 vs. 10 U/g	0	-0.1161 to 0.1161	No	ns	> 0.9999
0 vs. 100 U/g	0	-0.1161 to 0.1161	No	ns	> 0.9999
1 vs. 10 U/g	0	-0.1161 to 0.1161	No	ns	> 0.9999
1 vs. 100 U/g	0	-0.1161 to 0.1161	No	ns	> 0.9999
10 vs. 100 U/g	0	-0.1161 to 0.1161	No	ns	> 0.9999
<b>Day 1</b>					
0 vs. 1 U/g	-0.4306	-0.5467 to -0.3145	Yes	****	< 0.0001
0 vs. 10 U/g	-0.5435	-0.6596 to -0.4274	Yes	****	< 0.0001
0 vs. 100 U/g	-0.6685	-0.7846 to -0.5524	Yes	****	< 0.0001
1 vs. 10 U/g	-0.1129	-0.2290 to 0.003229	No	ns	0.0602
1 vs. 100 U/g	-0.2379	-0.3540 to -0.1218	Yes	****	< 0.0001

10 vs. 100 U/g	-0.125	-0.2411 to -0.008940	Yes	*	0.0291
<b>Day 4</b>					
0 vs. 1 U/g	-0.259	-0.3751 to -0.1429	Yes	****	< 0.0001
0 vs. 10 U/g	-0.4213	-0.5374 to -0.3053	Yes	****	< 0.0001
0 vs. 100 U/g	-0.6063	-0.7224 to -0.4902	Yes	****	< 0.0001
1 vs. 10 U/g	-0.1624	-0.2784 to -0.04626	Yes	**	0.002
1 vs. 100 U/g	-0.3473	-0.4634 to -0.2313	Yes	****	< 0.0001
10 vs. 100 U/g	-0.185	-0.3011 to -0.06890	Yes	***	0.0003
<b>Day 7</b>					
0 vs. 1 U/g	-0.1826	-0.2987 to -0.06646	Yes	***	0.0003
0 vs. 10 U/g	-0.3167	-0.4328 to -0.2006	Yes	****	< 0.0001
0 vs. 100 U/g	-0.437	-0.5531 to -0.3209	Yes	****	< 0.0001
1 vs. 10 U/g	-0.1341	-0.2502 to -0.01801	Yes	*	0.0161
1 vs. 100 U/g	-0.2544	-0.3705 to -0.1383	Yes	****	< 0.0001
10 vs. 100 U/g	-0.1203	-0.2364 to -0.004238	Yes	*	0.0389

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>0 U/g</b>					
0 vs. 1 (day)	0.009539	-0.1066 to 0.1256	No	ns	0.9966
0 vs. 4 (day)	0.06207	-0.05402 to 0.1782	No	ns	0.5132
0 vs. 7 (day)	0.1882	0.07207 to 0.3043	Yes	***	0.0002
1 vs. 4 (day)	0.05253	-0.06356 to 0.1686	No	ns	0.6479
1 vs. 7 (day)	0.1786	0.06253 to 0.2947	Yes	***	0.0005
4 vs. 7 (day)	0.1261	0.009999 to 0.2422	Yes	*	0.0272
<b>1 U/g</b>					
0 vs. 1 (day)	-0.4211	-0.5371 to -0.3050	Yes	****	< 0.0001
0 vs. 4 (day)	-0.1969	-0.3130 to -0.08083	Yes	****	< 0.0001
0 vs. 7 (day)	0.005607	-0.1105 to 0.1217	No	ns	0.9993
1 vs. 4 (day)	0.2241	0.1080 to 0.3402	Yes	****	< 0.0001
1 vs. 7 (day)	0.4267	0.3106 to 0.5428	Yes	****	< 0.0001
4 vs. 7 (day)	0.2025	0.08644 to 0.3186	Yes	****	< 0.0001
<b>10 U/g</b>					
0 vs. 1 (day)	-0.5339	-0.6500 to -0.4178	Yes	****	< 0.0001
0 vs. 4 (day)	-0.3593	-0.4754 to -0.2432	Yes	****	< 0.0001
0 vs. 7 (day)	-0.1285	-0.2446 to -0.01240	Yes	*	0.0233
1 vs. 4 (day)	0.1746	0.05855 to 0.2907	Yes	***	0.0007

1 vs. 7 (day)	0.4054	0.2893 to 0.5215	Yes	****	< 0.0001
4 vs. 7 (day)	0.2308	0.1147 to 0.3469	Yes	****	< 0.0001
100 U/g					
0 vs. 1 (day)	-0.659	-0.7750 to -0.5429	Yes	****	< 0.0001
0 vs. 4 (day)	-0.5443	-0.6604 to -0.4282	Yes	****	< 0.0001
0 vs. 7 (day)	-0.2488	-0.3649 to -0.1327	Yes	****	< 0.0001
1 vs. 4 (day)	0.1147	-0.001409 to 0.2308	No	ns	0.0542
1 vs. 7 (day)	0.4101	0.2940 to 0.5262	Yes	****	< 0.0001
4 vs. 7 (day)	0.2954	0.1793 to 0.4115	Yes	****	< 0.0001

### 5 mM GTA Gels

- Instantaneous modulus  $E_{inst}$

	Day 0		Day 1		Day 4		Day 7	
	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)
0 U/g	13920	111	13184	83	12603	72	11344	64
1 U/g	-	-	38898	310	35559	322	34935	538
10 U/g	-	-	74813	529	75029	1289	85375	1397
100 U/g	-	-	86294	468	88376	602	104550	1632

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>Day 0</b>					
0 vs. 1 U/g	0	-2530 to 2530	No	ns	> 0.9999
0 vs. 10 U/g	0	-2530 to 2530	No	ns	> 0.9999
0 vs. 100 U/g	0	-2530 to 2530	No	ns	> 0.9999
1 vs. 10 U/g	0	-2530 to 2530	No	ns	> 0.9999
1 vs. 100 U/g	0	-2530 to 2530	No	ns	> 0.9999
10 vs. 100 U/g	0	-2530 to 2530	No	ns	> 0.9999
<b>Day 1</b>					
0 vs. 1 U/g	-25714	-28243 to -23184	Yes	****	< 0.0001
0 vs. 10 U/g	-61629	-64159 to -59099	Yes	****	< 0.0001
0 vs. 100 U/g	-73110	-75640 to -70580	Yes	****	< 0.0001
1 vs. 10 U/g	-35915	-38445 to -33386	Yes	****	< 0.0001
1 vs. 100 U/g	-47396	-49926 to -44866	Yes	****	< 0.0001
10 vs. 100 U/g	-11481	-14011 to -8951	Yes	****	< 0.0001
<b>Day 4</b>					
0 vs. 1 U/g	-22955	-25485 to -20425	Yes	****	< 0.0001



0 vs. 10 U/g	-62426	-64956 to -59896	Yes	****	< 0.0001
0 vs. 100 U/g	-75773	-78303 to -73243	Yes	****	< 0.0001
1 vs. 10 U/g	-39471	-42001 to -36941	Yes	****	< 0.0001
1 vs. 100 U/g	-52818	-55348 to -50288	Yes	****	< 0.0001
10 vs. 100 U/g	-13347	-15877 to -10817	Yes	****	< 0.0001
<b>Day 7</b>					
0 vs. 1 U/g	-23592	-26122 to -21062	Yes	****	< 0.0001
0 vs. 10 U/g	-74032	-76561 to -71502	Yes	****	< 0.0001
0 vs. 100 U/g	-93206	-95736 to -90676	Yes	****	< 0.0001
1 vs. 10 U/g	-50440	-52970 to -47910	Yes	****	< 0.0001
1 vs. 100 U/g	-69614	-72144 to -67084	Yes	****	< 0.0001
10 vs. 100 U/g	-19174	-21704 to -16644	Yes	****	< 0.0001

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>0 U/g</b>					
0 vs. 1 (day)	735.8	-1794 to 3266	No	ns	0.8765
0 vs. 4 (day)	1316	-1213 to 3846	No	ns	0.5365
0 vs. 7 (day)	2576	46.32 to 5106	Yes	*	0.0441
1 vs. 4 (day)	580.6	-1949 to 3111	No	ns	0.9345
1 vs. 7 (day)	1840	-689.5 to 4370	No	ns	0.2398
4 vs. 7 (day)	1260	-1270 to 3790	No	ns	0.5734
<b>1 U/g</b>					
0 vs. 1 (day)	-24978	-27508 to -22448	Yes	****	< 0.0001
0 vs. 4 (day)	-21639	-24169 to -19109	Yes	****	< 0.0001
0 vs. 7 (day)	-21015	-23545 to -18486	Yes	****	< 0.0001
1 vs. 4 (day)	3339	809.2 to 5869	Yes	**	0.004
1 vs. 7 (day)	3962	1432 to 6492	Yes	***	0.0004
4 vs. 7 (day)	623.1	-1907 to 3153	No	ns	0.9206
<b>10 U/g</b>					
0 vs. 1 (day)	-60893	-63423 to -58363	Yes	****	< 0.0001
0 vs. 4 (day)	-61109	-63639 to -58579	Yes	****	< 0.0001
0 vs. 7 (day)	-71455	-73985 to -68925	Yes	****	< 0.0001
1 vs. 4 (day)	-216.1	-2746 to 2314	No	ns	0.9962
1 vs. 7 (day)	-10562	-13092 to -8032	Yes	****	< 0.0001
4 vs. 7 (day)	-10346	-12876 to -7816	Yes	****	< 0.0001
<b>100 U/g</b>					

0 vs. 1 (day)	-72374	-74904 to -69844	Yes	****	< 0.0001
0 vs. 4 (day)	-74456	-76986 to -71926	Yes	****	< 0.0001
0 vs. 7 (day)	-90630	-93160 to -88100	Yes	****	< 0.0001
1 vs. 4 (day)	-2082	-4612 to 447.6	No	ns	0.1474
1 vs. 7 (day)	-18256	-20786 to -15726	Yes	****	< 0.0001
4 vs. 7 (day)	-16173	-18703 to -13644	Yes	****	< 0.0001

- Equilibrium modulus ( $E_{eq}$ )

	Day 0		Day 1		Day 4		Day 7	
	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)
0 U/g	8480	68	8596	21	7667	39	7487	17
1 U/g	-	-	27569	119	24678	226	25104	268
10 U/g	-	-	52427	293	53556	943	54651	933
100 U/g	-	-	63024	280	67015	226	69493	1176

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>Day 0</b>					
0 vs. 1 U/g	0	-1710 to 1710	No	ns	> 0.9999
0 vs. 10 U/g	0	-1710 to 1710	No	ns	> 0.9999
0 vs. 100 U/g	0	-1710 to 1710	No	ns	> 0.9999
1 vs. 10 U/g	0	-1710 to 1710	No	ns	> 0.9999
1 vs. 100 U/g	0	-1710 to 1710	No	ns	> 0.9999
10 vs. 100 U/g	0	-1710 to 1710	No	ns	> 0.9999
<b>Day 1</b>					
0 vs. 1 U/g	-18973	-20683 to -17262	Yes	****	< 0.0001
0 vs. 10 U/g	-43831	-45542 to -42121	Yes	****	< 0.0001
0 vs. 100 U/g	-54428	-56139 to -52718	Yes	****	< 0.0001
1 vs. 10 U/g	-24858	-26569 to -23148	Yes	****	< 0.0001
1 vs. 100 U/g	-35456	-37166 to -33745	Yes	****	< 0.0001
10 vs. 100 U/g	-10597	-12308 to -8887	Yes	****	< 0.0001
<b>Day 4</b>					
0 vs. 1 U/g	-17011	-18721 to -15301	Yes	****	< 0.0001
0 vs. 10 U/g	-45889	-47599 to -44179	Yes	****	< 0.0001
0 vs. 100 U/g	-59347	-61058 to -57637	Yes	****	< 0.0001
1 vs. 10 U/g	-28878	-30588 to -27168	Yes	****	< 0.0001
1 vs. 100 U/g	-42336	-44047 to -40626	Yes	****	< 0.0001
10 vs. 100 U/g	-13458	-15169 to -11748	Yes	****	< 0.0001

Day 7					
0 vs. 1 U/g	-17616	-19327 to -15906	Yes	****	< 0.0001
0 vs. 10 U/g	-47163	-48874 to -45453	Yes	****	< 0.0001
0 vs. 100 U/g	-62006	-63716 to -60295	Yes	****	< 0.0001
1 vs. 10 U/g	-29547	-31258 to -27837	Yes	****	< 0.0001
1 vs. 100 U/g	-44389	-46100 to -42679	Yes	****	< 0.0001
10 vs. 100 U/g	-14842	-16552 to -13132	Yes	****	< 0.0001

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
0 U/g					
0 vs. 1 (day)	-116.1	-1826 to 1594	No	ns	0.9981
0 vs. 4 (day)	812.6	-897.7 to 2523	No	ns	0.6109
0 vs. 7 (day)	992.5	-717.8 to 2703	No	ns	0.4403
1 vs. 4 (day)	928.7	-781.6 to 2639	No	ns	0.4996
1 vs. 7 (day)	1109	-601.7 to 2819	No	ns	0.3399
4 vs. 7 (day)	179.9	-1530 to 1890	No	ns	0.993
1 U/g					
0 vs. 1 (day)	-19089	-20799 to -17379	Yes	****	< 0.0001
0 vs. 4 (day)	-16198	-17909 to -14488	Yes	****	< 0.0001
0 vs. 7 (day)	-16624	-18334 to -14913	Yes	****	< 0.0001
1 vs. 4 (day)	2891	1180 to 4601	Yes	****	< 0.0001
1 vs. 7 (day)	2465	754.8 to 4175	Yes	**	0.0013
4 vs. 7 (day)	-425.4	-2136 to 1285	No	ns	0.9184
10 U/g					
0 vs. 1 (day)	-43947	-45658 to -42237	Yes	****	< 0.0001
0 vs. 4 (day)	-45076	-46787 to -43366	Yes	****	< 0.0001
0 vs. 7 (day)	-46171	-47881 to -44461	Yes	****	< 0.0001
1 vs. 4 (day)	-1129	-2839 to 581.2	No	ns	0.3235
1 vs. 7 (day)	-2224	-3934 to -513.4	Yes	**	0.0048
4 vs. 7 (day)	-1095	-2805 to 615.7	No	ns	0.3513
100 U/g					
0 vs. 1 (day)	-54545	-56255 to -52834	Yes	****	< 0.0001
0 vs. 4 (day)	-58535	-60245 to -56824	Yes	****	< 0.0001
0 vs. 7 (day)	-61013	-62723 to -59303	Yes	****	< 0.0001
1 vs. 4 (day)	-3990	-5700 to -2280	Yes	****	< 0.0001
1 vs. 7 (day)	-6469	-8179 to -4758	Yes	****	< 0.0001

4 vs. 7 (day)	-2479	-4189 to -768.2	Yes	**	0.0012
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- Relaxation time ( $\tau$ )

	Day 0		Day 1		Day 4		Day 7	
	Mean (s)	SEM (s)	Mean (s)	SEM (s)	Mean (s)	SEM (s)	Mean (s)	SEM (s)
0 U/g	0.62	0.03	0.65	0.02	0.52	0.02	0.36	0.01
1 U/g	-	-	0.89	0.05	0.71	0.06	0.48	0.06
10 U/g	-	-	1.38	0.08	0.97	0.05	0.65	0.08
100 U/g	-	-	1.38	0.08	1.07	0.06	0.74	0.10

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>Day 0</b>					
0 vs. 1 U/g	0	-0.2099 to 0.2099	No	ns	> 0.9999
0 vs. 10 U/g	0	-0.2099 to 0.2099	No	ns	> 0.9999
0 vs. 100 U/g	0	-0.2099 to 0.2099	No	ns	> 0.9999
1 vs. 10 U/g	0	-0.2099 to 0.2099	No	ns	> 0.9999
1 vs. 100 U/g	0	-0.2099 to 0.2099	No	ns	> 0.9999
10 vs. 100 U/g	0	-0.2099 to 0.2099	No	ns	> 0.9999
<b>Day 1</b>					
0 vs. 1 U/g	-0.2441	-0.4540 to -0.03417	Yes	*	0.0152
0 vs. 10 U/g	-0.7348	-0.9447 to -0.5249	Yes	****	< 0.0001
0 vs. 100 U/g	-0.7326	-0.9425 to -0.5226	Yes	****	< 0.0001
1 vs. 10 U/g	-0.4907	-0.7006 to -0.2808	Yes	****	< 0.0001
1 vs. 100 U/g	-0.4885	-0.6984 to -0.2785	Yes	****	< 0.0001
10 vs. 100 U/g	0.002233	-0.2077 to 0.2122	No	ns	> 0.9999
<b>Day 4</b>					
0 vs. 1 U/g	-0.1873	-0.3972 to 0.02264	No	ns	0.0994
0 vs. 10 U/g	-0.4444	-0.6544 to -0.2345	Yes	****	< 0.0001
0 vs. 100 U/g	-0.5473	-0.7572 to -0.3373	Yes	****	< 0.0001
1 vs. 10 U/g	-0.2571	-0.4671 to -0.04722	Yes	**	0.0092
1 vs. 100 U/g	-0.36	-0.5699 to -0.1501	Yes	****	< 0.0001
10 vs. 100 U/g	-0.1028	-0.3128 to 0.1071	No	ns	0.5866
<b>Day 7</b>					
0 vs. 1 U/g	-0.1174	-0.3273 to 0.09251	No	ns	0.4734
0 vs. 10 U/g	-0.2866	-0.4966 to -0.07671	Yes	**	0.0027
0 vs. 100 U/g	-0.3802	-0.5901 to -0.1703	Yes	****	< 0.0001

1 vs. 10 U/g	-0.1692	-0.3791 to 0.04070	No	ns	0.1616
1 vs. 100 U/g	-0.2628	-0.4727 to -0.05287	Yes	**	0.0073
10 vs. 100 U/g	-0.09357	-0.3035 to 0.1164	No	ns	0.6588

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>0 U/g</b>					
0 vs. 1 (day)	-0.03041	-0.2403 to 0.1795	No	ns	0.9822
0 vs. 4 (day)	0.09698	-0.1129 to 0.3069	No	ns	0.6324
0 vs. 7 (day)	0.2556	0.04568 to 0.4655	Yes	**	0.0097
1 vs. 4 (day)	0.1274	-0.08253 to 0.3373	No	ns	0.3997
1 vs. 7 (day)	0.286	0.07609 to 0.4959	Yes	**	0.0027
4 vs. 7 (day)	0.1586	-0.05130 to 0.3685	No	ns	0.2093
<b>1 U/g</b>					
0 vs. 1 (day)	-0.2745	-0.4844 to -0.06458	Yes	**	0.0045
0 vs. 4 (day)	-0.0903	-0.3002 to 0.1196	No	ns	0.6839
0 vs. 7 (day)	0.1382	-0.07173 to 0.3481	No	ns	0.326
1 vs. 4 (day)	0.1842	-0.02572 to 0.3941	No	ns	0.1084
1 vs. 7 (day)	0.4127	0.2028 to 0.6226	Yes	****	< 0.0001
4 vs. 7 (day)	0.2285	0.01857 to 0.4384	Yes	*	0.0267
<b>10 U/g</b>					
0 vs. 1 (day)	-0.7652	-0.9751 to -0.5553	Yes	****	< 0.0001
0 vs. 4 (day)	-0.3474	-0.5574 to -0.1375	Yes	***	0.0001
0 vs. 7 (day)	-0.03103	-0.2410 to 0.1789	No	ns	0.9811
1 vs. 4 (day)	0.4178	0.2078 to 0.6277	Yes	****	< 0.0001
1 vs. 7 (day)	0.7342	0.5243 to 0.9441	Yes	****	< 0.0001
4 vs. 7 (day)	0.3164	0.1065 to 0.5263	Yes	***	0.0007
<b>100 U/g</b>					
0 vs. 1 (day)	-0.763	-0.9729 to -0.5531	Yes	****	< 0.0001
0 vs. 4 (day)	-0.4503	-0.6602 to -0.2404	Yes	****	< 0.0001
0 vs. 7 (day)	-0.1246	-0.3345 to 0.08533	No	ns	0.4198
1 vs. 4 (day)	0.3127	0.1028 to 0.5226	Yes	***	0.0008
1 vs. 7 (day)	0.6384	0.4285 to 0.8483	Yes	****	< 0.0001
4 vs. 7 (day)	0.3257	0.1158 to 0.5356	Yes	***	0.0004

### 10 mM GTA Gels

- Instantaneous modulus  $E_{inst}$

	Day 0		Day 1		Day 4		Day 7	
	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)
0 U/g	29090	166	28875	221	27610	115	26789	148
1 U/g	-	-	62818	277	60399	2091	74821	498
10 U/g	-	-	81576	347	94723	653	115954	1118
100 U/g	-	-	67786	468	106552	1256	103745	6838

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>Day 0</b>					
0 vs. 1 U/g	0	-6779 to 6779	No	ns	> 0.9999
0 vs. 10 U/g	0	-6779 to 6779	No	ns	> 0.9999
0 vs. 100 U/g	0	-6779 to 6779	No	ns	> 0.9999
1 vs. 10 U/g	0	-6779 to 6779	No	ns	> 0.9999
1 vs. 100 U/g	0	-6779 to 6779	No	ns	> 0.9999
10 vs. 100 U/g	0	-6779 to 6779	No	ns	> 0.9999
<b>Day 1</b>					
0 vs. 1 U/g	-33943	-40721 to -27164	Yes	****	< 0.0001
0 vs. 10 U/g	-52701	-59479 to -45922	Yes	****	< 0.0001
0 vs. 100 U/g	-38911	-45689 to -32132	Yes	****	< 0.0001
1 vs. 10 U/g	-18758	-25536 to -11979	Yes	****	< 0.0001
1 vs. 100 U/g	-4968	-11747 to 1811	No	ns	0.2337
10 vs. 100 U/g	13790	7011 to 20568	Yes	****	< 0.0001
<b>Day 4</b>					
0 vs. 1 U/g	-32790	-39568 to -26011	Yes	****	< 0.0001
0 vs. 10 U/g	-67113	-73892 to -60335	Yes	****	< 0.0001
0 vs. 100 U/g	-78942	-85721 to -72163	Yes	****	< 0.0001
1 vs. 10 U/g	-34324	-41102 to -27545	Yes	****	< 0.0001
1 vs. 100 U/g	-46152	-52931 to -39374	Yes	****	< 0.0001
10 vs. 100 U/g	-11829	-18607 to -5050	Yes	****	< 0.0001
<b>Day 7</b>					
0 vs. 1 U/g	-48032	-54811 to -41254	Yes	****	< 0.0001
0 vs. 10 U/g	-89165	-95943 to -82386	Yes	****	< 0.0001
0 vs. 100 U/g	-76957	-83735 to -70178	Yes	****	< 0.0001
1 vs. 10 U/g	-41133	-47911 to -34354	Yes	****	< 0.0001
1 vs. 100 U/g	-28924	-35703 to -22146	Yes	****	< 0.0001
10 vs. 100 U/g	12208	5430 to 18987	Yes	****	< 0.0001

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>0 U/g</b>					
0 vs. 1 (day)	214.9	-6564 to 6993	No	ns	0.9998
0 vs. 4 (day)	1480	-5299 to 8259	No	ns	0.9429
0 vs. 7 (day)	2301	-4477 to 9080	No	ns	0.8175
1 vs. 4 (day)	1265	-5513 to 8044	No	ns	0.9632
1 vs. 7 (day)	2086	-4692 to 8865	No	ns	0.8572
4 vs. 7 (day)	821.1	-5957 to 7600	No	ns	0.9894
<b>1 U/g</b>					
0 vs. 1 (day)	-33728	-40506 to -26949	Yes	****	< 0.0001
0 vs. 4 (day)	-31310	-38088 to -24531	Yes	****	< 0.0001
0 vs. 7 (day)	-45731	-52510 to -38953	Yes	****	< 0.0001
1 vs. 4 (day)	2418	-4360 to 9197	No	ns	0.7941
1 vs. 7 (day)	-12003	-18782 to -5225	Yes	****	< 0.0001
4 vs. 7 (day)	-14421	-21200 to -7643	Yes	****	< 0.0001
<b>10 U/g</b>					
0 vs. 1 (day)	-52486	-59264 to -45707	Yes	****	< 0.0001
0 vs. 4 (day)	-65633	-72412 to -58855	Yes	****	< 0.0001
0 vs. 7 (day)	-86864	-93642 to -80085	Yes	****	< 0.0001
1 vs. 4 (day)	-13148	-19926 to -6369	Yes	****	< 0.0001
1 vs. 7 (day)	-34378	-41157 to -27600	Yes	****	< 0.0001
4 vs. 7 (day)	-21231	-28009 to -14452	Yes	****	< 0.0001
<b>100 U/g</b>					
0 vs. 1 (day)	-38696	-45474 to -31917	Yes	****	< 0.0001
0 vs. 4 (day)	-77462	-84241 to -70683	Yes	****	< 0.0001
0 vs. 7 (day)	-74656	-81434 to -67877	Yes	****	< 0.0001
1 vs. 4 (day)	-38766	-45545 to -31988	Yes	****	< 0.0001
1 vs. 7 (day)	-35960	-42738 to -29181	Yes	****	< 0.0001
4 vs. 7 (day)	2807	-3972 to 9585	No	ns	0.7093

- Equilibrium modulus ( $E_{eq}$ )

	Day 0		Day 1		Day 4		Day 7	
	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)	Mean (Pa)	SEM (Pa)
0 U/g	19165	43	19699	67	17709	30	16817	24
1 U/g	-	-	43271	91	43054	1709	44303	211
10 U/g	-	-	64867	228	67267	410	68333	570

100 U/g	-	-	58810	230	61027	962	64968	5872
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Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>Day 0</b>					
0 vs. 1 U/g	0	-5695 to 5695	No	ns	> 0.9999
0 vs. 10 U/g	0	-5695 to 5695	No	ns	> 0.9999
0 vs. 100 U/g	0	-5695 to 5695	No	ns	> 0.9999
1 vs. 10 U/g	0	-5695 to 5695	No	ns	> 0.9999
1 vs. 100 U/g	0	-5695 to 5695	No	ns	> 0.9999
10 vs. 100 U/g	0	-5695 to 5695	No	ns	> 0.9999
<b>Day 1</b>					
0 vs. 1 U/g	-23573	-29268 to -17878	Yes	****	< 0.0001
0 vs. 10 U/g	-45169	-50864 to -39474	Yes	****	< 0.0001
0 vs. 100 U/g	-39112	-44807 to -33416	Yes	****	< 0.0001
1 vs. 10 U/g	-21596	-27291 to -15901	Yes	****	< 0.0001
1 vs. 100 U/g	-15539	-21234 to -9844	Yes	****	< 0.0001
10 vs. 100 U/g	6057	362.1 to 11752	Yes	*	0.0321
<b>Day 4</b>					
0 vs. 1 U/g	-25345	-31040 to -19650	Yes	****	< 0.0001
0 vs. 10 U/g	-49559	-55254 to -43864	Yes	****	< 0.0001
0 vs. 100 U/g	-43319	-49014 to -37624	Yes	****	< 0.0001
1 vs. 10 U/g	-24214	-29909 to -18519	Yes	****	< 0.0001
1 vs. 100 U/g	-17974	-23669 to -12279	Yes	****	< 0.0001
10 vs. 100 U/g	6240	545.2 to 11935	Yes	*	0.0253
<b>Day 7</b>					
0 vs. 1 U/g	-27486	-33181 to -21791	Yes	****	< 0.0001
0 vs. 10 U/g	-51516	-57211 to -45821	Yes	****	< 0.0001
0 vs. 100 U/g	-48151	-53846 to -42456	Yes	****	< 0.0001
1 vs. 10 U/g	-24030	-29725 to -18335	Yes	****	< 0.0001
1 vs. 100 U/g	-20665	-26360 to -14970	Yes	****	< 0.0001
10 vs. 100 U/g	3365	-2330 to 9060	No	ns	0.4239

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
0 U/g					
0 vs. 1 (day)	-533.8	-6229 to 5161	No	ns	0.995



0 vs. 4 (day)	1456	-4239 to 7151	No	ns	0.9122
0 vs. 7 (day)	2348	-3347 to 8043	No	ns	0.7119
1 vs. 4 (day)	1990	-3705 to 7685	No	ns	0.8042
1 vs. 7 (day)	2882	-2813 to 8577	No	ns	0.56
4 vs. 7 (day)	892.3	-4803 to 6587	No	ns	0.9777
1 U/g					
0 vs. 1 (day)	-24107	-29802 to -18412	Yes	****	< 0.0001
0 vs. 4 (day)	-23889	-29584 to -18194	Yes	****	< 0.0001
0 vs. 7 (day)	-25138	-30833 to -19443	Yes	****	< 0.0001
1 vs. 4 (day)	217.7	-5477 to 5913	No	ns	0.9997
1 vs. 7 (day)	-1031	-6726 to 4664	No	ns	0.9662
4 vs. 7 (day)	-1249	-6944 to 4446	No	ns	0.9422
10 U/g					
0 vs. 1 (day)	-45702	-51397 to -40007	Yes	****	< 0.0001
0 vs. 4 (day)	-48103	-53798 to -42408	Yes	****	< 0.0001
0 vs. 7 (day)	-49168	-54863 to -43473	Yes	****	< 0.0001
1 vs. 4 (day)	-2400	-8095 to 3295	No	ns	0.6975
1 vs. 7 (day)	-3465	-9160 to 2230	No	ns	0.3972
4 vs. 7 (day)	-1065	-6760 to 4630	No	ns	0.963
100 U/g					
0 vs. 1 (day)	-39645	-45340 to -33950	Yes	****	< 0.0001
0 vs. 4 (day)	-41863	-47558 to -36168	Yes	****	< 0.0001
0 vs. 7 (day)	-45803	-51498 to -40108	Yes	****	< 0.0001
1 vs. 4 (day)	-2217	-7912 to 3478	No	ns	0.747
1 vs. 7 (day)	-6157	-11852 to -462.3	Yes	*	0.0282
4 vs. 7 (day)	-3940	-9635 to 1755	No	ns	0.2822

- Relaxation time ( $\tau$ )

	Day 0		Day 1		Day 4		Day 7	
	Mean (s)	SEM (s)	Mean (s)	SEM (s)	Mean (s)	SEM (s)	Mean (s)	SEM (s)
0 U/g	0.84	0.03	0.76	0.04	0.66	0.01	0.45	0.01
1 U/g	-	-	0.93	0.03	0.64	0.07	0.49	0.02
10 U/g	-	-	1.28	0.08	0.85	0.06	0.70	0.04
100 U/g	-	-	1.33	0.12	0.92	0.07	0.73	0.07

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>Day 0</b>					
0 vs. 1 U/g	0	-0.1955 to 0.1955	No	ns	> 0.9999
0 vs. 10 U/g	0	-0.1955 to 0.1955	No	ns	> 0.9999
0 vs. 100 U/g	0	-0.1955 to 0.1955	No	ns	> 0.9999
1 vs. 10 U/g	0	-0.1955 to 0.1955	No	ns	> 0.9999
1 vs. 100 U/g	0	-0.1955 to 0.1955	No	ns	> 0.9999
10 vs. 100 U/g	0	-0.1955 to 0.1955	No	ns	> 0.9999
<b>Day 1</b>					
0 vs. 1 U/g	-0.1755	-0.3710 to 0.01995	No	ns	0.096
0 vs. 10 U/g	-0.5238	-0.7193 to -0.3283	Yes	****	< 0.0001
0 vs. 100 U/g	-0.5713	-0.7668 to -0.3758	Yes	****	< 0.0001
1 vs. 10 U/g	-0.3483	-0.5437 to -0.1528	Yes	****	< 0.0001
1 vs. 100 U/g	-0.3958	-0.5912 to -0.2003	Yes	****	< 0.0001
10 vs. 100 U/g	-0.04751	-0.2430 to 0.1480	No	ns	0.9234
<b>Day 4</b>					
0 vs. 1 U/g	0.02253	-0.1729 to 0.2180	No	ns	0.9909
0 vs. 10 U/g	-0.1907	-0.3861 to 0.004801	No	ns	0.0589
0 vs. 100 U/g	-0.2571	-0.4525 to -0.06159	Yes	**	0.0042
1 vs. 10 U/g	-0.2132	-0.4087 to -0.01772	Yes	*	0.0263
1 vs. 100 U/g	-0.2796	-0.4751 to -0.08412	Yes	**	0.0014
10 vs. 100 U/g	-0.06639	-0.2619 to 0.1291	No	ns	0.8173
<b>Day 7</b>					
0 vs. 1 U/g	-0.04535	-0.2408 to 0.1501	No	ns	0.9325
0 vs. 10 U/g	-0.2616	-0.4571 to -0.06611	Yes	**	0.0034
0 vs. 100 U/g	-0.2907	-0.4862 to -0.09524	Yes	***	0.0008
1 vs. 10 U/g	-0.2162	-0.4117 to -0.02077	Yes	*	0.0234
1 vs. 100 U/g	-0.2454	-0.4408 to -0.04989	Yes	**	0.0071
10 vs. 100 U/g	-0.02913	-0.2246 to 0.1663	No	ns	0.9807

Tukey's multiple comparison test					
	Mean Diff	95% CI of diff	Significant?	Summary	Adjusted P Value
<b>0 U/g</b>					
0 vs. 1 (day)	0.07997	-0.1155 to 0.2754	No	ns	0.7169
0 vs. 4 (day)	0.1755	-0.01999 to 0.3710	No	ns	0.0961
0 vs. 7 (day)	0.3937	0.1982 to 0.5891	Yes	****	< 0.0001

<b>1 vs. 4 (day)</b>	0.09551	-0.09996 to 0.2910	No	ns	0.5887
<b>1 vs. 7 (day)</b>	0.3137	0.1182 to 0.5092	Yes	***	0.0002
<b>4 vs. 7 (day)</b>	0.2182	0.02270 to 0.4136	Yes	*	0.0217
<b>1 U/g</b>					
<b>0 vs. 1 (day)</b>	-0.09555	-0.2910 to 0.09992	No	ns	0.5884
<b>0 vs. 4 (day)</b>	0.198	0.002536 to 0.3935	Yes	*	0.0458
<b>0 vs. 7 (day)</b>	0.3483	0.1528 to 0.5438	Yes	****	< 0.0001
<b>1 vs. 4 (day)</b>	0.2936	0.09809 to 0.4890	Yes	***	0.0007
<b>1 vs. 7 (day)</b>	0.4439	0.2484 to 0.6393	Yes	****	< 0.0001
<b>4 vs. 7 (day)</b>	0.1503	-0.04517 to 0.3458	No	ns	0.1959
<b>10 U/g</b>					
<b>0 vs. 1 (day)</b>	-0.4438	-0.6393 to -0.2483	Yes	****	< 0.0001
<b>0 vs. 4 (day)</b>	-0.01519	-0.2107 to 0.1803	No	ns	0.9971
<b>0 vs. 7 (day)</b>	0.1321	-0.06340 to 0.3275	No	ns	0.3029
<b>1 vs. 4 (day)</b>	0.4286	0.2331 to 0.6241	Yes	****	< 0.0001
<b>1 vs. 7 (day)</b>	0.5759	0.3804 to 0.7714	Yes	****	< 0.0001
<b>4 vs. 7 (day)</b>	0.1473	-0.04821 to 0.3427	No	ns	0.2117
<b>100 U/g</b>					
<b>0 vs. 1 (day)</b>	-0.4913	-0.6868 to -0.2958	Yes	****	< 0.0001
<b>0 vs. 4 (day)</b>	-0.08158	-0.2771 to 0.1139	No	ns	0.7041
<b>0 vs. 7 (day)</b>	0.1029	-0.09253 to 0.2984	No	ns	0.5262
<b>1 vs. 4 (day)</b>	0.4097	0.2143 to 0.6052	Yes	****	< 0.0001
<b>1 vs. 7 (day)</b>	0.5943	0.3988 to 0.7897	Yes	****	< 0.0001
<b>4 vs. 7 (day)</b>	0.1845	-0.01095 to 0.3800	No	ns	0.0722