

Table S1

Guinea Pig Uterine Progesterone Receptor Protein (PRA and PRB) Levels During Pregnancy
(Arbitrary Densitometric Units)

Gel 1									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	31m 50 ug	151322.00	57490.73	2.6321	227932.38	0.6639	0.9685	0.2522	2.3672
2	31m 100 ug	222679.79	65436.37	3.4030	250779.74	0.8879	1.2953	0.2609	2.4469
3	15m 50 ug	176329.10	51916.62	3.4566	308205.8	0.5721	0.8348	0.1855	1.5534
4	15m 100 ug	233983.96	56144.75	4.1675	334719.48	0.6890	1.0198	0.1677	1.5742
5	7m 50 ug	203513.88	65071.95	3.1275	289208.04	0.7037	1.0265	0.2250	2.1117
6	7m 100 ug	306578.34	80859.36	3.7915	323239.71	0.9485	1.3836	0.2502	2.3477
7	18m 49 ug	98976.08	17815.50	5.5556	246929.86	0.4008	0.5847	0.0721	0.6771
8	18m 98 ug	148617.89	29101.77	5.1068	314426.99	0.4727	0.6895	0.0926	0.8686
9	CAHm 100 ug	187758.31	29184.23	6.4336	273898.51	0.6855	1.0000	0.1066	1.0000

Gel 2									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	19m 50 ug	54310.35	25791.61	2.1057	293383.56	0.1851	0.2112	0.0879	0.5399
2	19m 100 ug	66080.61	18894.82	3.4973	329397.00	0.2006	0.2289	0.0574	0.3523
3	L1m 43.4 ug	24844.34	6236.73	3.9836	225669.52	0.1101	0.1256	0.0276	0.1697
4	L1m 86.8 ug	62514.83	13160.48	4.7502	388775.56	0.1608	0.1835	0.0339	0.2079
5	CAHm 50 ug	167522.73	42286.57	3.9616	256163.17	0.6540	0.7462	0.1651	1.0138
6	CAHm 100 ug	212758.2	44826.98	4.7462	309319.92	0.6878	0.7848	0.1449	0.8900
7	35m 50 ug	192362.87	20262.07	9.4937	268670.00	0.7160	0.8169	0.0754	0.4632
8	35m 100 ug	275702.54	56135.28	4.9114	361060.77	0.7636	0.8713	0.1555	0.9548
9	CAHm 100 ug	258827.6	48088.01	5.3824	295326.86	0.8764	1.0000	0.1628	1.0000

Gel 3									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	13m 50 ug	138588.13	17531.32	7.9052	202371.14	0.6848	0.5485	0.0866	0.3290
2	13m 100 ug	243636.24	47939.12	5.0822	303254.00	0.8034	0.6435	0.1581	0.6003
3	20m 50 ug	181888.71	40031.82	4.5436	260081.50	0.6994	0.5601	0.1539	0.5845
4	20m 100 ug	288440.15	76463.53	3.7723	368654.94	0.7824	0.6267	0.2074	0.7876
5	14m 37.3 ug	36192.51	9165.84	3.9486	224500.54	0.1612	0.1291	0.0408	0.1550
6	14m 74.5 ug	58731.01	18743.23	3.1335	291120.68	0.2017	0.1616	0.0644	0.2445
7	L3m 50 ug	53401.07	22497.89	2.3736	192482.12	0.2774	0.2222	0.1169	0.4438
8	L3m 75 ug	46489.38	27357.42	1.6983	189575.87	0.2452	0.1964	0.1443	0.5480
9	CAHm 100 ug	241379.31	50913.2	4.7410	193330.00	1.2485	1.0000	0.2833	1.0000

Gel 4									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	38m 50 ug	76204.00	4404.00	17.3034	20869.88	3.6514	0.4885	0.2110	0.1717
2	38m 100 ug	188288.77	12322.08	8.8681	32317.21	5.8263	0.7795	0.6570	0.5346
3	75m 50 ug	94788.00	7126.25	13.3013	31797.84	2.9810	0.3988	0.2241	0.1824
4	75m 100 ug	135326.42	8378.70	16.1512	55609.64	2.4335	0.3256	0.1507	0.1226
5	17m 50 ug	69667.85	8255.18	8.3666	33890.90	2.0379	0.2727	0.2436	0.1982
6	17m 100 ug	114489.50	14000.75	8.1781	53352.33	2.1461	0.2871	0.2624	0.2136
7	66m 50 ug	138194.42	11283.56	12.2474	28429.43	4.8610	0.6503	0.3969	0.3230
8	66m 100 ug	256576.50	58646.54	4.3750	46401.87	5.5294	0.7398	1.2639	1.0285
9	CAHm 100 ug	275512.31	45295.09	6.0826	36860.00	7.4746	1.0000	1.2288	1.0000

Gel 5									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	25m 50 ug	42020.17	11239.62	3.7386	343375.94	0.1224	0.1141	0.0327	0.1890
2	25m 100 ug	62599.38	20608.48	3.0376	412278.71	0.1518	0.1415	0.0500	0.2887
3	L4m 50 ug	22535.22	2023.02	11.1394	351494.76	0.0654	0.0598	0.0184	0.0332
4	L4m 100 ug	58572.25	9978.13	5.8701	540909.57	0.1083	0.1009	0.0184	0.1065
5	51m 50 ug	132610.95	10170.44	13.0389	227403.27	0.5832	0.5436	0.0447	0.2583
6	51m 100 ug	242187.65	28964.50	8.3615	331062.09	0.7315	0.6820	0.0875	0.5053
7	94m 50 ug	256353.01	34463.55	7.4384	261105.65	0.9818	0.9152	0.1320	0.7623
8	94m 100 ug	368688.70	66980.15	5.5044	359695.94	1.0250	0.9555	0.1862	1.0754
9	CAHm 100 ug	394653.54	63703.15	6.1952	367897.58	1.0727	1.0000	0.1732	1.0000

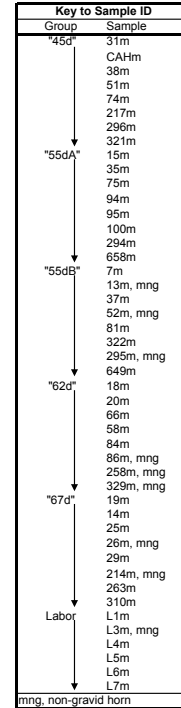
Gel 6									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	37m 50 ug	253369.38	91916.32	2.7630	43167.40	5.8834	1.5101	2.1235	6.1523
2	37m 100 ug	320897.69	106878.71	3.0033	50619.39	6.3412	1.6276	2.1114	6.1007
3	58m 50 ug	140486.92	9540.35	14.7256	36619.75	3.8364	0.9847	0.2605	0.7528
4	58m 100 ug	217332.65	14315.00	15.1822	70900.28	3.0653	0.7868	0.2019	0.5834
5	26m 50 ug	249904.08	40220.07	6.2134	66027.41	3.7849	0.9715	0.6091	1.7600
6	26m 100 ug	397735.35	106909.62	3.7203	86799.57	4.5822	1.1761	1.2317	3.5588
7	L5m 50 ug	39118.60	4768.03	8.2044	46015.51	0.8501	0.2182	0.1036	0.2994
8	L5m 100 ug	44951.40	8976.53	5.0077	66029.26	0.6808	0.1747	0.1359	0.3928
9	CAHm 100 ug	217496.57	19320.90	11.2571	55825.14	3.8960	1.0000	0.3461	1.0000

Gel 7									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	74m 50 ug	253960.54	37901.46	6.7005	137862.20	1.8421	3.2333	0.2749	5.4187
2	74m 100 ug	387594.49	100329.79	3.8632	249215.07	1.5553	2.7298	0.4026	7.9349
3	95m 50 ug	147751.94	16543.21	8.9313	248128.20	0.5955	1.0452	0.0667	1.3141
4	95m 100 ug	227127.57	31171.39	7.2864	267501.75	0.8491	1.4903	0.1165	2.2967
5	52m 50 ug	117031.11	7710.97	15.1772	182281.20	0.6420	1.1269	0.0423	0.8338
6	52m 100 ug	192125.77	35484.34	5.4144	292258.00	0.6574	1.1538	0.1214	2.3931
7	84m 50 ug	43836.63	6676.00	6.5663	235064.22	0.1865	0.3273	0.0284	0.5598
8	84m 100 ug	152805.46	18050.53	8.4654	294426.06	0.5190	0.9109	0.0613	1.2084
9	CAHm 100 ug	126674.32	11280.55	11.2294	222338.13	0.5697	1.0000	0.0507	1.0000

Gel 8									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	30m 50 ug	54861.77	8862.37	6.1904	71968.39	0.7623	0.3505	0.1231	0.2253
2	30m 100 ug	142899.95	42049.75	3.3984	116428.71	1.2274	0.5643	0.3612	0.6608
3	L6m 50 ug	3112.00	2573.03	1.2095	85032.33	0.0366	0.0168	0.0303	0.0554
4	L6m 100 ug	8221.11	3271.00	2.5133	91125.20	0.0902	0.0415	0.0359	0.0657
5	CAHm 100 ug	202159.65	50799.13	3.9796	92949.07	2.1750	1.0000	0.5465	1.0000
6	100m 50 ug	192149.00	14474.63	7.0570	73065.18	1.3692	0.6432	0.1993	0.3628
7	100m 100 ug	153542.58	20779.95	7.3890	104352.83	1.4714	0.6765	0.1991	0.3644
8	81m 50 ug	64467.75	11385.00	5.6625	87735.74	0.7348	0.3378	0.1298	0.2374
9	81m 100 ug	60012.49	13278.38	4.5196	89770.13	0.6685	0.3074	0.1479	0.2706

Gel 9									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	86m 50 ug	250818.20	64555.43	3.8793	160419.60	1.5635	0.6672	0.4030	1.3221
2	86m 100 ug	457996.31	191781.71	2.3881	233397.02	1.9623	0.8374	0.8217	2.6954
3	29m 50 ug	75033.54	12935.79	5.8005	134879.72	0.5563	0.2374	0.0959	0.3146
4	29m 100 ug	163631.54	17152.18	9.5400	236593.67	0.6858	0.2927	0.0719	0.2358
5	L7m 50 ug	64108.77	8739.76	7.3351	149058.77	0.4301	0.2335	0.0586	0.1923
6	L7m 100 ug	121605.16	22737.58	5.3482	176209.06	0.6901	0.2945	0.1290	0.4233
7	CAHm 100 ug	303345.40	39463.25	7.6868	129452.07	2.3433	1.0000	0.3048	1.0000

Gel 10									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	191m 50 ug	221813.15	49696.67	4.4633	117161.23	1.8932	1.7729	0.4242	3.6556
2	191m 100 ug	396789.78	110353.46	3.5956	208589.69	1.9023	1.7813	0.5290	4.5594
3	192m 50 ug	210004.19	32216.93	6.5184	159465.75	1.3169	1.2332	0.2020	1.7411



4	192m 100 ug	335412.25	83112.42	4.0356	260547.85	1.2873	1.2055	0.3190	2.7491
5	CAHm 100 ug	240139.27	26092.83	9.2033	224872.46	1.0679	1.0000	0.1160	1.0000
6	194m 50 ug	256028.49	29866.94	8.5723	171030.61	1.4970	1.4018	0.1746	1.5050
7	194m 100 ug	362353.60	60927.82	6.2755	224663.99	1.7019	1.5937	0.2712	2.3372
8	241m 50 ug	89471.29	16115.46	5.5509	161585.53	0.5537	0.5185	0.0597	0.8597
9	241m 100 ug	104735.46	20840.24	5.0256	165306.06	0.6336	0.5933	0.1261	1.0865

Gel 11									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	156m 50 ug	178551.17	34369.89	5.1950	102853.00	1.7360	0.9909	0.3342	1.1202
2	156m 100 ug	349645.82	13931.87	2.6165	103737.35	3.3705	1.9239	1.2832	4.3184
3	224m 50 ug	95048.25	13153.91	7.2259	131171.42	0.7246	0.4136	0.1003	0.3362
4	224m 100 ug	145924.96	30710.94	4.7516	184701.54	0.7901	0.4510	0.1663	0.5574
5	CAHm 100 ug	287095.27	48884.65	5.8729	163877.05	1.7519	1.0000	0.2963	1.0000
6	230m 50 ug	427781.44	116195.17	3.6818	120564.32	3.5482	2.0253	0.9638	3.2308
7	230m 100 ug	618135.48	182423.11	3.3885	138752.97	4.4549	2.5429	1.3147	4.4074
8	233m 50 ug	61809.94	16741.50	3.6920	133119.50	0.4643	0.2650	0.1258	0.4216
9	233m 100 ug	94801.91	36995.93	2.5625	195311.79	0.4854	0.2771	0.1894	0.6350

Gel 12									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	197m 47.4 ug	53414.68	7095.68	7.5278	239813.95	0.2227	0.3185	0.0296	0.7271
2	197m 94.8 ug	140214.14	25713.70	5.4529	364991.15	0.3842	0.5494	0.0705	1.7312
3	225m 50 ug	134024.77	6689.75	20.0343	203535.10	0.6585	0.9417	0.0329	0.8077
4	225m 100 ug	189425.70	16910.72	11.2015	314560.14	0.6022	0.8612	0.0538	1.3211
5	CAHm 100 ug	186809.33	10872.00	17.1826	267167.07	0.6992	1.0000	0.0407	1.0000
6	232m 50 ug	344278.71	22029.71	15.6279	201711.33	1.7068	2.4410	0.1092	2.6838
7	232m 100 ug	438382.27	92977.22	4.7149	270826.80	1.6187	2.3150	0.3433	8.4364
8	219m 50 ug	42305.09	2562.88	16.5069	193667.67	0.2184	0.3124	0.0132	0.3252
9	219m 100 ug	81105.93	6002.18	13.5127	225307.14	0.3600	0.5148	0.0266	0.6546

Gel 13									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	226m 50 ug	49442.07	8186.10	6.0398	215244.40	0.2297	0.2088	0.0380	0.1417
2	226m 100 ug	128161.33	21946.00	5.8666	359860.40	0.3571	0.3246	0.0609	0.2268
3	83m 50 ug	79831.02	9155.21	8.7197	242903.94	0.3287	0.2987	0.0377	0.1404
4	83m 100 ug	191863.47	25849.83	7.4222	336069.51	0.5709	0.5189	0.0769	0.2865
5	CAHm 100 ug	244003.66	59536.26	4.0984	221764.56	1.1003	1.0000	0.2655	1.0000
6	216m 50 ug	246613.85	46645.23	5.2870	88293.62	2.7931	2.5385	0.5283	1.9678
7	216m 100 ug	440709.11	116105.35	3.7958	183596.21	2.4004	2.1816	0.6324	2.3556
8	207m 50 ug	333525.47	92006.04	3.6250	57411.90	5.8093	3.2799	1.6026	5.9693
9	207m 100 ug	454904.44	148060.33	3.0724	76277.52	5.9638	5.4203	1.9411	7.2302

Westerns Jan-Mar 2010									
Gel 14									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	296m 50 ug	10704802.63	1936635.13	5.5275	16373387.02	0.6538	0.7688	0.1183	0.6310
2	296m 100 ug	15398093.57	3023481.22	4.0272	16921627.54	0.9100	1.0701	0.2260	1.2055
3	294m 50 ug	7320485.71	96916.14	8.0718	17304311.76	0.4230	0.4975	0.0524	0.2796
4	294m 100 ug	13437534.85	1924539.18	6.9822	17013065.68	0.7900	0.9290	0.1131	0.6036
5	CAHm 100 ug	13813479.53	3044767.65	4.5368	16244073.12	0.8504	1.0000	0.1874	1.0000
6	322m 50 ug	6320801.88	360923.55	17.5129	18141356.00	0.3484	0.4097	0.0199	0.1061
7	322m 100 ug	10660436.62	550068.17	19.3802	18370328.00	0.5803	0.6824	0.0299	0.1597
8	258m 50 ug	6713094.39	493652.69	13.5988	15721060.64	0.4270	0.5021	0.0314	0.1675
9	258m 100 ug	8797546.31	2100497.00	4.1883	15247173.51	0.5770	0.6785	0.1378	0.7350

Gel 15									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	258mng 50 ug	6397442.42	1309432.14	4.8857	14620873.65	0.4376	1.5752	0.0896	1.5334
2	258mng 100 ug	9441506.14	1983688.86	4.7596	13857604.56	0.6813	2.4527	0.1431	2.4510
3	295m 50 ug	3266382.81	546385.50	5.9782	10492434.62	0.3113	1.1207	0.0521	0.8916
4	295m 100 ug	3937589.22	1306971.07	3.0128	10561267.13	0.3728	1.3422	0.1238	2.1189
5	CAHm 100 ug	2812848.23	591407.03	4.7562	10126981.65	0.2778	1.0000	0.0584	1.0000
6	295mng 50 ug	10308722.66	1187703.40	8.8282	995626.51	1.0353	3.7272	0.1173	2.0080
7	295mng 100 ug	11797799.25	3082806.20	3.8270	10114159.07	1.1665	4.1992	0.3048	5.2188
8	329m 50 ug	2341701.83	324555.75	7.2151	12554893.80	0.1865	0.6714	0.0259	0.4426
9	329m 100 ug	6246600.50	577700.23	2.9650	12874800.40	0.1745	0.6282	0.0589	1.0077

Gel 16									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	329mng 50 ug	6007280.09	1821781.00	3.2975	12006780.00	0.5003	1.4674	0.1517	1.5990
2	329mng 100 ug	8542882.79	2737447.50	3.1207	8911795.37	0.9586	2.8114	0.3072	3.2372
3	263m 50 ug	3233682.53	402302.63	7.6934	12343643.72	0.2620	0.7683	0.0341	0.3589
4	263m 100 ug	5194000.99	823814.43	6.3049	1235308.00	0.4205	1.2391	0.0667	0.7028
5	CAHm 100 ug	3312499.41	921827.44	3.5934	9714972.00	0.3410	1.0000	0.0949	1.0000
6	L3mng 50 ug	10104343.91	2401434.60	4.2076	11985429.28	0.8431	2.4725	0.2004	2.1116
7	L3mng 100 ug	14564360.35	3448355.88	4.2236	11596511.03	1.2559	3.6834	0.2974	3.1338
8	321m 50 ug	7224489.25	1201393.14	6.0134	11557557.64	0.6251	1.8333	0.1039	1.0955
9	321m 100 ug	6245622.67	1329160.71	4.6996	12791153.99	0.4883	1.4322	0.1039	1.0951

Gel 17									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	13mng 50 ug	4065868.51	843094.85	4.8226	11073733.54	0.3672	1.7959	0.0761	2.6991
2	13mng 100 ug	4745297.48	1090774.70	4.3504	10077833.03	0.4709	2.3031	0.1082	3.8371
3	CAHm 100 ug	2091520.43	288564.77	7.2480	10229944.67	0.2045	1.0000	0.0282	1.0000
4	52mng 50 ug	9034312.13	952820.41	9.4817	8197848.11	1.1020	5.3902	0.1162	4.1204
5	52mng 100 ug	8730028.68	935355.18	9.3334	8522425.25	1.0244	5.0103	0.1098	3.8908
6	310m 50 ug	1310099.74	264679.86	4.9498	11895227.75	0.1101	0.5387	0.0223	0.7888
7	310m 100 ug	1608930.79	508294.88	3.1653	13735884.69	0.1171	0.5729	0.0370	1.3119

Gel 18									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	86mng 50 ug	18162290.24	4576726.88	3.9684	1534034.50	1.1839	2.8883	0.2963	3.3348
2	86mng 100 ug	23460977.61	7760643.26	3.0231	13343412.14	1.7582	4.2893	0.5616	6.5012
3	26mng 50 ug	31292198.61	5710334.04	5.4799	1197310.08	2.6126	6.3736	0.4768	5.3292
4	26mng 100 ug	32674005.83	6480782.97	5.0417	15140893.00	2.1580	5.2645	0.4280	4.7845
5	CAHm 100 ug	4891104.11	1067469.21	4.5820	11932094.38	0.4099	1.0000	0.0895	1.0000

Gel 19									
Lane	Sample ID and protein loading	PR-A	PR-B	PR-A/PR-B	GAPDH	PR-A/GAPDH	Rel to CAHm*	PR-B/GAPDH	Rel to CAHm*
1	214m 50 ug	5610940.05	1873417.00	2.9950	25182533.86	0.2228	0.4013	0.0744	0.5451
2	214m 100 ug	8035079.81	2990928.56	2.6865	26263877.60	0.3059	0.5510	0.1139	0.8344
3	214mng 50 ug	15893590.45	2951085.80	5.3857	18087065.37	0.8787	1.5826	0.1632	1.1954
4	64m 50 ug	16286469.45	270852.58	6.0056	21539109.68	0.7552	1.3602	0.1258	0.9214
5	64m 100 ug	16729651.07	5413658.96	3.0903	31200419.29	0.5362	0.9657	0.1735	1.2713
6	CAHm 100 ug	10116097.65	2486609.23	4.0682	18218720.47	0.5553	1.0000	0.1365	1.0000
7	217m 50 ug	10733615.82	2271882.50	4.7250	27783443.03	0.3863	0.6958	0.0818	0.5991
8	217m 100 ug	20193729.00	4811666.36	4.1968	25948107.74	0.7782	1.4016	0.1854	1.3586
9	658m 50 ug	21294070.74	4827443.03	4.4110	19779742.56	1.0766	1.9388	0.2441	1.7882
10	658m 100 ug	27661880.04	8581949.65	3.2233	26027484.93	1.0628	1.9141	0.3297	2.4158

*. sample used as calibrator