

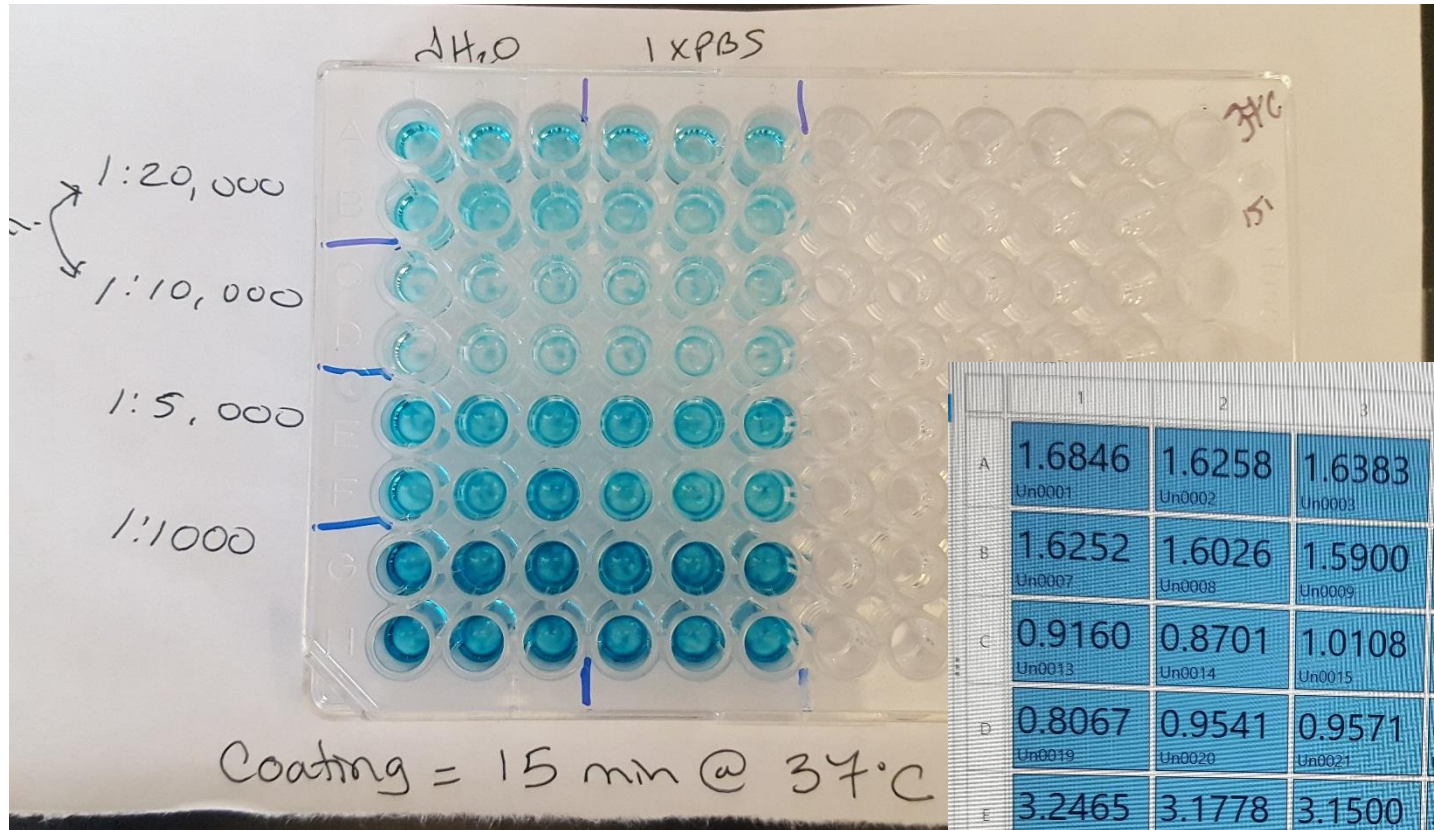
# Protein A-HRP ELISA Testing & Optimization

Coating time, mock solutions, wash buffers, 'lifespan' of diluted Protein A-HRP, different dilutions, plus / minus stop solution

Protein A-HRP from EMD Millipore

August 7, 2018

# Coating 15 min at 37C with Fresh Protein A-HRP

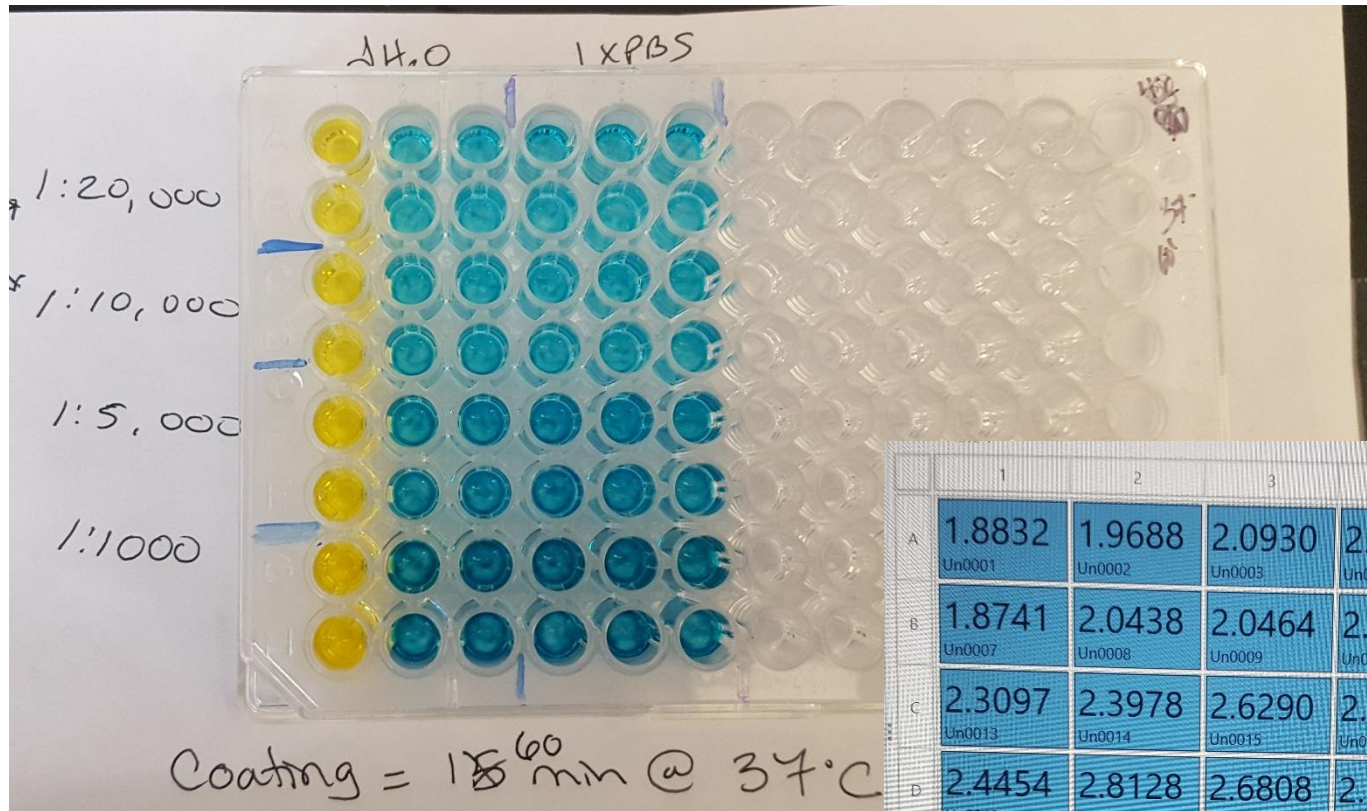


	1	2	3	4	5	6
A	1.6846 Un0001	1.6258 Un0002	1.6383 Un0003	1.4586 Un0004	1.4181 Un0005	1.3825 Un0006
B	1.6252 Un0007	1.6026 Un0008	1.5900 Un0009	1.3063 Un0010	1.2969 Un0011	1.3180 Un0012
C	0.9160 Un0013	0.8701 Un0014	1.0108 Un0015	1.0536 Un0016	1.0296 Un0017	1.1064 Un0018
D	0.8067 Un0019	0.9541 Un0020	0.9571 Un0021	0.9401 Un0022	0.9516 Un0023	1.0356 Un0024
E	3.2465 Un0025	3.1778 Un0026	3.1500 Un0027	3.2198 Un0028	2.9337 Un0029	3.2009 Un0030
F	3.0987 Un0031	3.1253 Un0032	3.6628 Un0033	2.8426 Un0034	2.7801 Un0035	2.7249 Un0036
G	3.8003 Un0037	3.8114 Un0038	3.7816 Un0039	3.7671 Un0040	3.7964 Un0041	3.7589 Un0042
H	3.7903 Un0043	3.7968 Un0044	3.7802 Un0045	3.7862 Un0046	3.8056 Un0047	3.8506 Un0048

Developed for 5 minutes



# Coating 60 min at 37C with Fresh Protein A-HRP

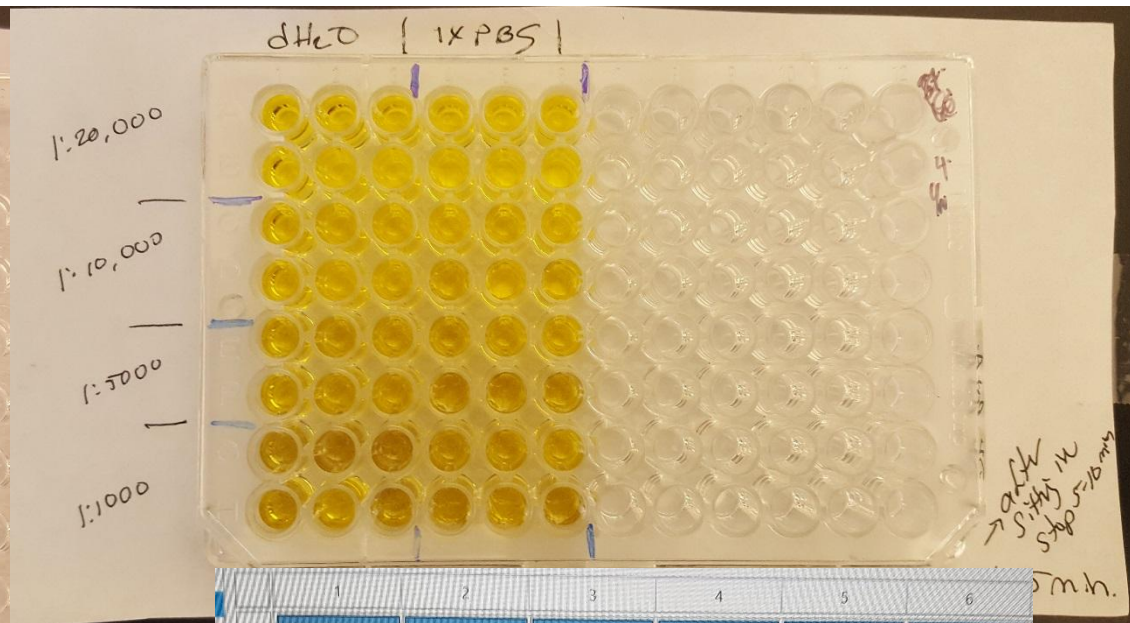
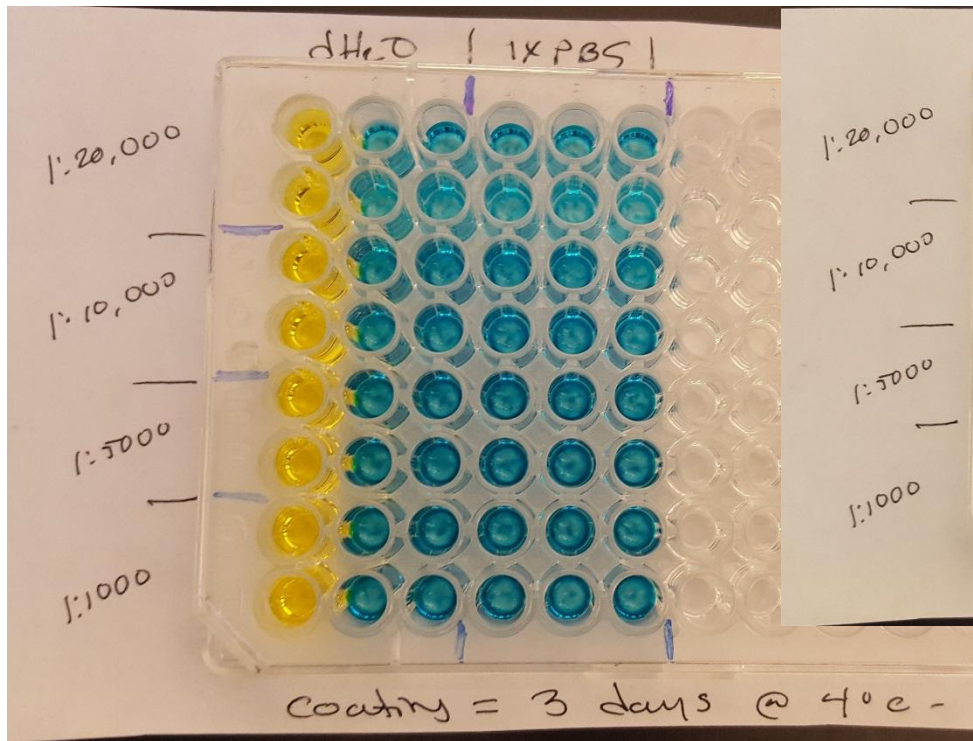


	1	2	3	4	5	6
A	1.8832 Un0001	1.9688 Un0002	2.0930 Un0003	2.0471 Un0004	2.2181 Un0005	1.9988 Un0006
B	1.8741 Un0007	2.0438 Un0008	2.0464 Un0009	2.2027 Un0010	2.2059 Un0011	2.2313 Un0012
C	2.3097 Un0013	2.3978 Un0014	2.6290 Un0015	2.4996 Un0016	2.5597 Un0017	2.7517 Un0018
D	2.4454 Un0019	2.8128 Un0020	2.6808 Un0021	2.3889 Un0022	2.4848 Un0023	2.6277 Un0024
E	3.4685 Un0025	3.5367 Un0026	3.5331 Un0027	3.5958 Un0028	3.5652 Un0029	3.6297 Un0030
F	3.4722 Un0031	3.6145 Un0032	3.5290 Un0033	3.5429 Un0034	3.5758 Un0035	3.5887 Un0036
G	3.7875 Un0037	3.8153 Un0038	3.8416 Un0039	3.7608 Un0040	3.7812 Un0041	3.7885 Un0042
H	3.7704 Un0043	3.7352 Un0044	3.8318 Un0045	3.7598 Un0046	3.7621 Un0047	3.7427 Un0048

Developed for 5 minutes



# Coating 3 days at 4C with Fresh Protein A-HRP

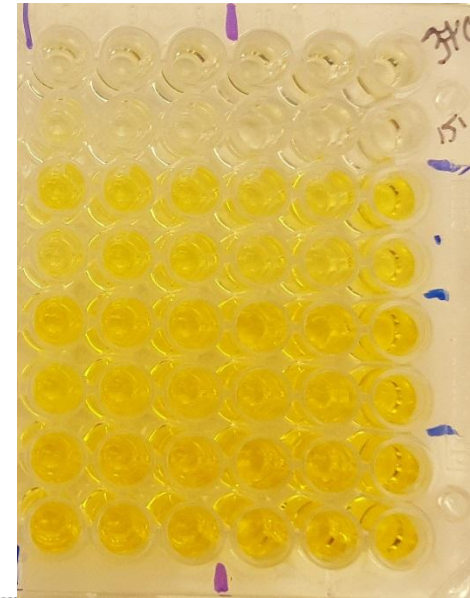
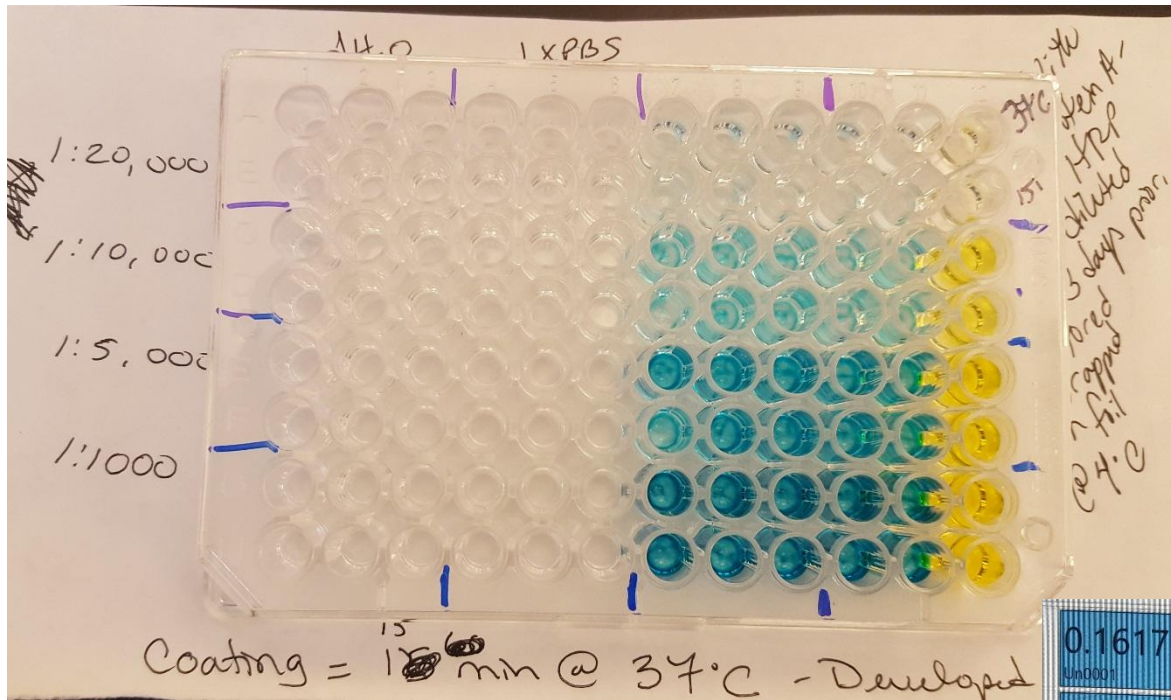


	1	2	3	4	5	6
A	2.8295 Un0001	2.7705 Un0002	2.7652 Un0003	2.7452 Un0004	2.7460 Un0005	2.8569 Un0006
B	2.8027 Un0007	2.8038 Un0008	2.5270 Un0009	2.8230 Un0010	2.8290 Un0011	2.9355 Un0012
C	3.3374 Un0013	2.9498 Un0014	3.0962 Un0015	3.2365 Un0016	2.7054 Un0017	3.1184 Un0018
D	3.1965 Un0019	3.2385 Un0020	3.0675 Un0021	2.5192 Un0022	3.4879 Un0023	2.8142 Un0024
E	2.8406 Un0025	2.2816 Un0026	2.8612 Un0027	2.2307 Un0028	2.4749 Un0029	3.0243 Un0030
F	2.7250 Un0031	2.3832 Un0032	2.6329 Un0033	2.0868 Un0034	2.1537 Un0035	2.2552 Un0036
G	1.6791 Un0037	1.5784 Un0038	1.7077 Un0039	2.1656 Un0040	2.3371 Un0041	2.9296 Un0042
H	2.0986 Un0043	2.8067 Un0044	1.6808 Un0045	1.9855 Un0046	2.4704 Un0047	1.9417 Un0048

Developed for 5 minutes



# Coating 15 min at 37C with 3-Day Old Prot. A-HRP

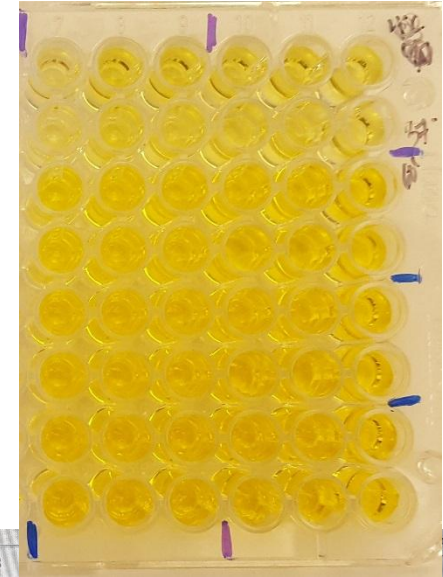
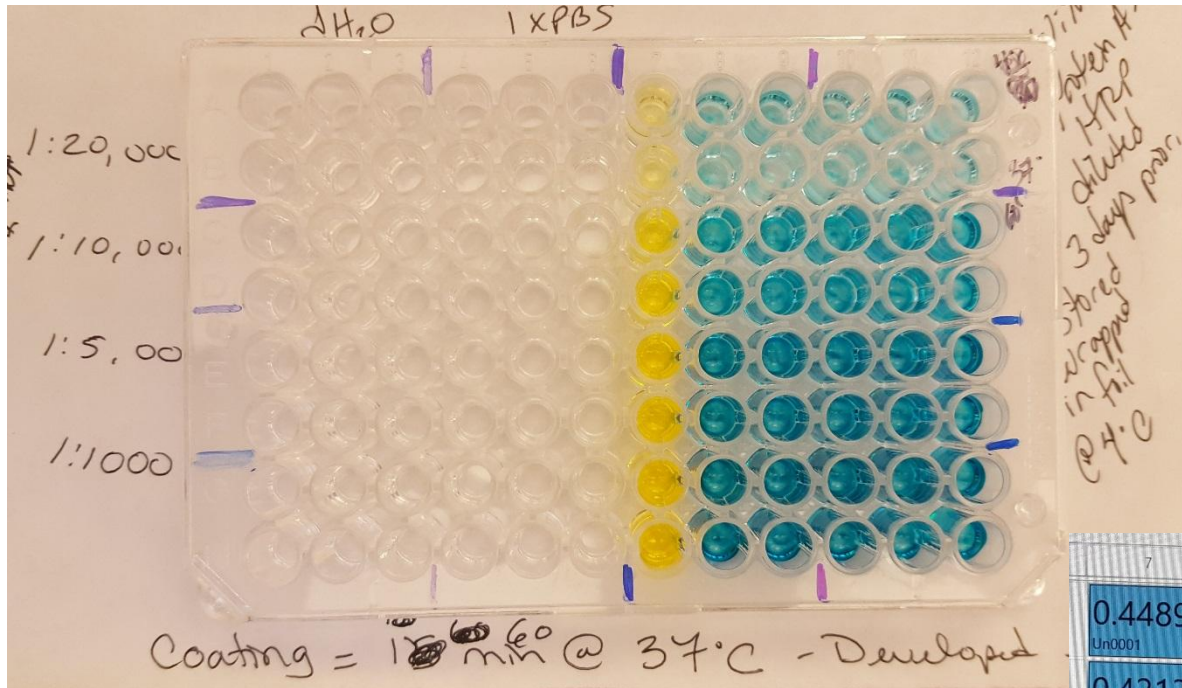


0.1617 Un0001	0.1318 Un0002	0.1671 Un0003	0.1612 Un0004	0.1975 Un0005	0.1683 Un0006
0.2894 Un0007	0.1705 Un0008	0.1681 Un0009	0.1654 Un0010	0.1533 Un0011	0.1517 Un0012
1.1838 Un0013	1.0940 Un0014	1.1542 Un0015	0.8630 Un0016	1.0201 Un0017	1.4250 Un0018
0.6763 Un0019	1.1675 Un0020	1.1766 Un0021	0.8855 Un0022	0.9122 Un0023	1.1846 Un0024
3.4364 Un0025	3.3509 Un0026	3.4853 Un0027	3.4828 Un0028	3.4139 Un0029	3.3910 Un0030
1.6887 Un0031	3.2492 Un0032	3.4412 Un0033	3.4190 Un0034	3.3594 Un0035	3.2816 Un0036
3.7209 Un0037	3.7307 Un0038	3.7157 Un0039	3.7907 Un0040	3.7395 Un0041	3.7018 Un0042
3.7251 Un0043	3.8037 Un0044	3.7658 Un0045	3.7582 Un0046	3.7302 Un0047	3.7440 Un0048

Developed for 5 minutes



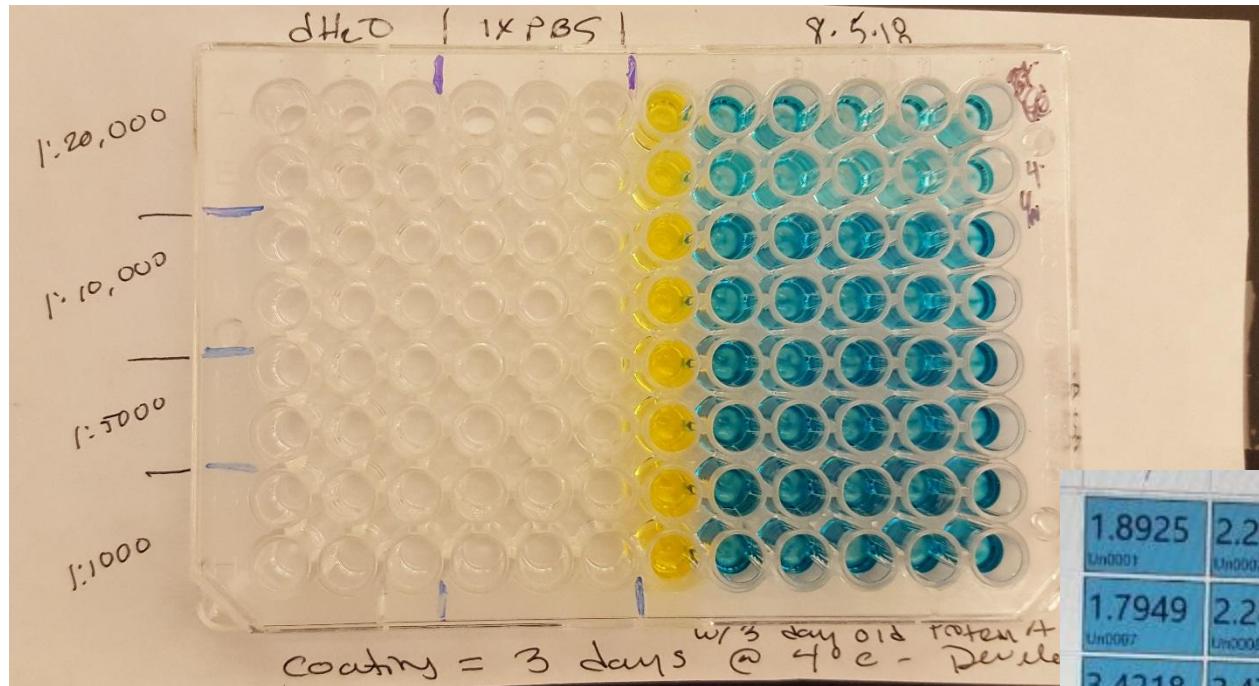
# Coating 60 min at 37C with 3-Day Old Prot. A-HRP



0.4489 Un0001	1.0710 Un0002	1.0619 Un0003	0.7934 Un0004	0.9231 Un0005	0.7689 Un0006
0.4213 Un0007	0.9431 Un0008	0.7333 Un0009	0.8519 Un0010	0.8382 Un0011	0.6868 Un0012
1.7645 Un0013	3.0905 Un0014	3.2095 Un0015	3.0495 Un0016	3.3058 Un0017	3.0455 Un0018
2.4362 Un0019	3.2463 Un0020	3.3052 Un0021	3.2237 Un0022	3.1637 Un0023	3.2040 Un0024
3.6537 Un0025	3.6979 Un0026	3.6497 Un0027	3.6823 Un0028	3.7181 Un0029	3.7235 Un0030
3.6970 Un0031	3.6604 Un0032	3.7123 Un0033	3.6998 Un0034	3.7185 Un0035	3.6849 Un0036
3.7042 Un0037	3.7765 Un0038	3.7493 Un0039	3.7383 Un0040	3.7776 Un0041	3.7407 Un0042
3.7405 Un0043	3.7714 Un0044	3.7482 Un0045	3.7637 Un0046	3.7523 Un0047	3.7522 Un0048

Developed for 5 minutes

# Coating 3 days at 4C with 3-Day Old Prot. A-HRP



7	8	9	10	11	12
1.8925 Un0001	2.2847 Un0002	2.4061 Un0003	1.6810 Un0004	1.4690 Un0005	1.7766 Un0006
1.7949 Un0007	2.2861 Un0008	1.7917 Un0009	1.6969 Un0010	1.5224 Un0011	1.2777 Un0012
3.4218 Un0013	3.4711 Un0014	3.3893 Un0015	3.5648 Un0016	3.4826 Un0017	3.2955 Un0018
3.3573 Un0019	3.4864 Un0020	3.3873 Un0021	3.5751 Un0022	3.3787 Un0023	3.3796 Un0024
3.6338 Un0025	3.6365 Un0026	3.2098 Un0027	3.7568 Un0028	3.7151 Un0029	3.6449 Un0030
3.6888 Un0031	3.6635 Un0032	3.6456 Un0033	3.7348 Un0034	3.6999 Un0035	3.7221 Un0036
3.7044 Un0037	3.7221 Un0038	3.7195 Un0039	3.6880 Un0040	3.7154 Un0041	3.7710 Un0042
3.6505 Un0043	3.7007 Un0044	3.6905 Un0045	3.7988 Un0046	3.7821 Un0047	3.7869 Un0048

Developed for 5 minutes