

01/26/17-1

Standard Curve @ 595nm

Standards

	rep1	rep2	rep3	avg	conc (x)	slope (m) of equation	y-intercept (b)
a	0.837	0.626	0.834	0.76566667	2	0.2192	0.3424
b	0.516	0.616	0.879	0.67033333	1.5		
c	0.626	0.566	0.489	0.56033333	1		
d	0.488	0.5	0.523	0.50366667	0.75		
e	0.521	0.504	0.485	0.50333333	0.5		
f	0.435	0.438	0.439	0.43733333	0.25		
h	0.402	0.354	0.351	0.369	0.125		
g		0.321	0.318	0.3195	0.025		
i	0.302	0.295	0.304	0.30033333	0		

	rep1	rep2	rep3	avg	mg/ml [(y-yint)/m]	uL dilution factor	uL stock for 40ug	uL of stock for 10 uL of PBS for 10
0118-55 1x	1.488	1.335	1.412	1.41166667	4.878041363	199.9996959	0.200000304	7.999996959 0118-55
0118-55 10x	0.565	0.526	0.649	0.58	1.083941606	44.44160384	0.900057485	0.999425146 0118-55
0118-55 20x	0.512	0.506	0.651	0.556333333	0.975973236	40.01490268	0.999627572	0.003724282 0118-55
0119-20 1x	1.499	1.432	1.628	1.519666667	5.370742092	220.2004258	0.181652691	8.183473086 0119-20
0119-20 10x	0.82	1.111	0.838	0.923	2.648722628	108.5976277	0.368332171	6.316678289 0119-20
0119-20 20x	0.662	0.744	0.69	0.698666667	1.625304136	66.63746959	0.600262889	3.99737111 0119-20
0117-4 1x	1.692	1.652	1.694	1.679333333	6.099148418	250.0650852	0.159958356	1.599583563 0117-4
0117-4 10x	0.557	0.695	0.781	0.677666667	1.529501217	62.70954988	0.6378613796	3.621386204 0117-4
0117-4 20x	0.802	0.547	0.515	0.621333333	1.272506083	52.17274939	0.766837663	2.333162337 0117-4
0117-11 1x	1.79	1.507	1.559	1.618666667	5.822384428	238.7177616	0.167561893	8.324381071 0117-11
0117-11 10x	0.889	0.94	0.779	0.869333333	2.403892944	98.55961071	0.405845759	4.058457589 0117-11
0117-11 20x	0.865	0.68	0.713	0.752666667	1.871654501	76.73783455	0.521255261	5.212552613 0117-11
0117-24 1x	1.253	1.449	1.599	1.433666667	4.978406326	204.1146594	0.195968286	1.959682863 0117-24
0117-24 10x	0.461	0.812	0.795	0.689333333	1.582725061	64.89172749	0.616411391	3.835886091 0117-24
0117-24 20x	0.531	0.53	0.533	0.531333333	0.861922141	35.33880779	1.131900098	-1.31900098 0117-24
0117-23 1x	1.548	1.431	1.558	1.512333333	5.337287105	218.8287713	0.18279132	8.172086798 0117-23
0117-23 10x	0.784	0.683	1.05	0.839	2.265510949	92.88594891	0.430635639	5.693643606 0117-23
0117-23 20x	0.616	0.595	0.975	0.728666667	1.76216545	72.24878345	0.55364254	4.463574598 0117-23
0118-12 1x	1.615	1.262	1.333	1.403333333	4.840024331	198.4409976	0.20157125	2.015712503 0118-12
0118-12 10x	0.799	0.68	0.741	0.74	1.813868613	74.36861314	0.537861314	4.621386858 0118-12
0118-12 20x	0.634	0.659	0.587	0.626666667	1.296836983	53.1703163	0.752299455	2.477005445 0118-12

