

Test items

MBS2505375

Sample layout

	1	2	3	4	5	6	7
A	standard 1	standard 1	serum 1(50-fold)	serum 1(50-fold)+sd(2-fold)	serum 1(50-fold)+sd(2-fold)	serum 3(50-fold)+sd(2-fold)	serum 3(50-fold)+sd(2-fold)
B	standard 2	standard 2	serum 1(50-fold)	serum 1(50-fold)+sd(4-fold)	serum 1(50-fold)+sd(4-fold)	serum 3(50-fold)+sd(4-fold)	serum 3(50-fold)+sd(4-fold)
C	standard 3	standard 3	serum 2(50-fold)	serum 1(50-fold)+sd(8-fold)	serum 1(50-fold)+sd(8-fold)	serum 3(50-fold)+sd(8-fold)	serum 3(50-fold)+sd(8-fold)
D	standard 4	standard 4	serum 2(50-fold)	serum 1(50-fold)+sd(16-fold)	serum 1(50-fold)+sd(16-fold)	serum 3(50-fold)+sd(16-fold)	serum 3(50-fold)+sd(16-fold)
E	standard 5	standard 5	serum 3(50-fold)	serum 2(50-fold)+sd(2-fold)	serum 2(50-fold)+sd(2-fold)	serum 4(50-fold)+sd(2-fold)	serum 4(50-fold)+sd(2-fold)
F	standard 6	standard 6	serum 3(50-fold)	serum 2(50-fold)+sd(4-fold)	serum 2(50-fold)+sd(4-fold)	serum 4(50-fold)+sd(4-fold)	serum 4(50-fold)+sd(4-fold)
G	standard 7	standard 7	serum 4(50-fold)	serum 2(50-fold)+sd(8-fold)	serum 2(50-fold)+sd(8-fold)	serum 4(50-fold)+sd(8-fold)	serum 4(50-fold)+sd(8-fold)
H	standard 8	standard 8	serum 4(50-fold)	serum 2(50-fold)+sd(16-fold)	serum 2(50-fold)+sd(16-fold)	serum 4(50-fold)+sd(16-fold)	serum 4(50-fold)+sd(16-fold)

eg: plasma 1(50-fold)+sd=250ul plasma 1(50-fold) +250ul standard(40ng/mL)

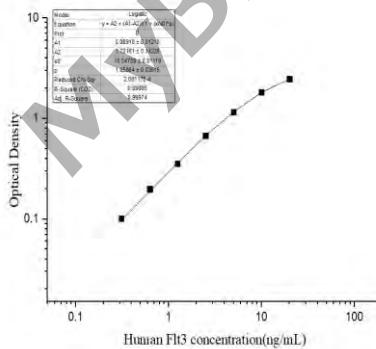
Experiment data

Measurement count: 1 Filter: 450

	1	2	3	4	5	6	7
A	2.518	2.544	1.672	2.030	2.016	1.865	1.800
B	1.892	1.896	1.652	1.333	1.340	1.160	1.181
C	1.221	1.211	0.736	0.834	0.871	0.700	0.739
D	0.759	0.725	0.763	0.498	0.491	0.406	0.392
E	0.415	0.427	0.265	1.844	1.846	1.892	1.925
F	0.261	0.267	0.242	1.290	1.277	1.184	1.200
G	0.162	0.170	0.527	0.811	0.834	0.715	0.783
H	0.066	0.064	0.552	0.447	0.470	0.415	0.410

Standard curve

Conc(ng/mL)	Average OD-blank
20	2.466
10	1.829
5	1.151
2.5	0.677
1.25	0.356
0.63	0.199
0.310	0.101
0.000	0.000



FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

Sample value	Average OD-blank	Conc(ng/mL)	Dilution ratio	Corrected Conc(ng/mL)	Recovery
serum 1(50-fold)	1.597	7.978	50	398.910	--
serum 2(50-fold)	0.685	2.574	50	128.706	--
serum 3(50-fold)	0.189	0.615	50	30.755	--
serum 4(50-fold)	0.475	1.702	50	85.076	--
serum 1(50-fold)+sd(2-fold)	1.958	11.526	2	23.051	95.31%
serum 1(50-fold)+sd(4-fold)	1.271	5.636	4	22.546	92.78%
serum 1(50-fold)+sd(8-fold)	0.787	3.034	8	24.272	101.42%
serum 1(50-fold)+sd(16-fold)	0.430	1.525	16	24.400	102.05%
serum 2(50-fold)+sd(2-fold)	1.780	9.620	2	19.240	89.76%
serum 2(50-fold)+sd(4-fold)	1.219	5.310	4	21.240	99.76%
serum 2(50-fold)+sd(8-fold)	0.757	2.897	8	23.179	109.46%
serum 2(50-fold)+sd(16-fold)	0.393	1.384	16	22.151	104.32%
serum 3(50-fold)+sd(2-fold)	1.768	9.497	2	18.994	93.43%
serum 3(50-fold)+sd(4-fold)	1.106	4.650	4	18.601	91.47%
serum 3(50-fold)+sd(8-fold)	0.654	2.444	8	19.553	96.23%
serum 3(50-fold)+sd(16-fold)	0.334	1.157	16	18.512	91.02%
serum 4(50-fold)+sd(2-fold)	1.843	10.257	2	20.513	98.31%
serum 4(50-fold)+sd(4-fold)	1.127	4.773	4	19.093	91.21%
serum 4(50-fold)+sd(8-fold)	0.684	2.572	8	20.574	98.62%
serum 4(50-fold)+sd(16-fold)	0.347	1.209	16	19.344	92.47%