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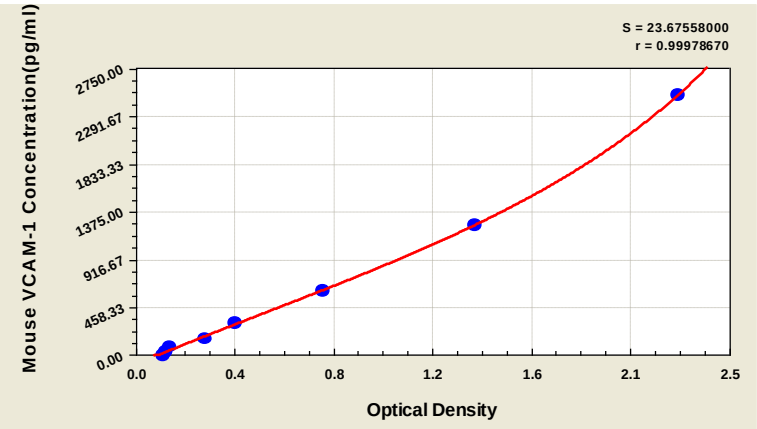
PRECISION

Intra-assay Precision (Precision within an assay): CV%<8%
Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision (Precision between assays): CV%<10%
Three samples of known concentration were tested in twenty assays to assess.

	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(pg/ml)	313.231	311.675	314.826	319.994	308.615	304.532
SD	0.025	0.031	0.026	0.039	0.028	0.037
CV(%)	5.721	7.122	5.926	8.775	6.483	8.657

TYPICAL DATA

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	corrected
0	0.121	0.124	0.123	0
39.062	0.131	0.132	0.132	0.009
78.125	0.149	0.154	0.152	0.029
156.25	0.301	0.286	0.294	0.171
312.5	0.428	0.413	0.421	0.298
625	0.807	0.752	0.780	0.657
1250	1.487	1.328	1.408	1.285
2500	2.189	2.303	2.246	2.123

LOD

29.649pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of mouse VCAM-1/CD106 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Serum(n=4)
1:400	Average %	87
	Range %	81-93
1:800	Average %	92
	Range %	84-100
1:1600	Average %	91
	Range %	84-98
1:3200	Average %	95
	Range %	90-100

	Sample	Cell Culture supernatant
1:1	Average %	86
	Range %	82-90
1:2	Average %	98
	Range %	84-112
1:4	Average %	95
	Range %	88-102
1:8	Average %	96
	Range %	90-102