



### PRECISION

#### Intra-assay Precision (Precision within an assay): CV%<8%

Three samples of known concentration were tested twenty times on one plate to assess.

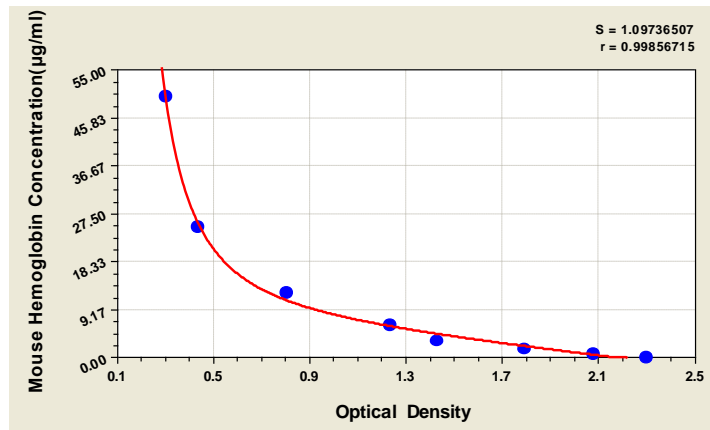
#### Inter-assay Precision (Precision between assays): CV%<10%

Three samples of known concentration were tested in twenty assays to assess.

Sample	Intra-Assay Precision			Inter-Assay Precision		
	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean( $\mu$ g/ml)	6.346	6.285	6.601	6.085	6.015	6.126
SD	0.046	0.054	0.067	0.104	0.086	0.088
CV(%)	3.997	4.639	5.967	8.765	7.246	7.468

### TYPICAL DATA

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



$\mu$ g/ml	OD1	OD2	Average
50	0.254	0.258	0.256
25	0.394	0.388	0.391
12.5	0.761	0.757	0.759
6.25	1.201	1.183	1.192
3.125	1.392	1.374	1.383
1.563	1.738	1.756	1.747
0.781	2.016	2.054	2.035
0	2.261	2.251	2.256

### LOD

0.177  $\mu$  g/ml

### LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of Mouse Hemoglobin 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)
1:100	Average % 89 Range % 81-96
1:200	Average % 90 Range % 85-103
1:400	Average % 93 Range % 82-98
1:800	Average % 97 Range % 90-114

Sample	Lysate for RBC (n=4)
1:5	Average % 91 Range % 81-104
1:10	Average % 94 Range % 90-99
1:20	Average % 87 Range % 83-95



1:40

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