



### PRECISION

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

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

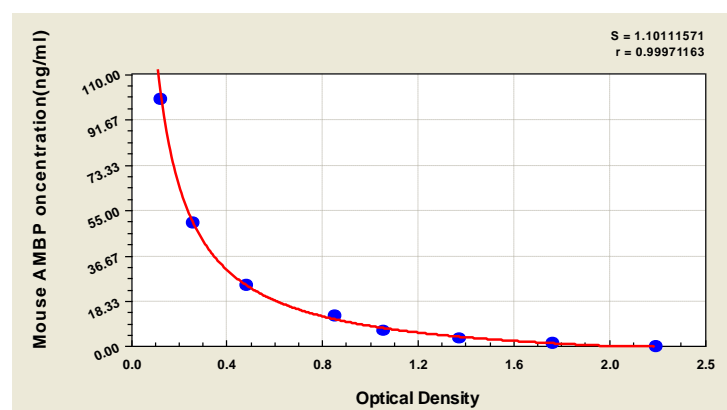
#### **Inter-assay Precision (Precision between assays): CV%<10%**

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(ng/ml)	12.570	12.507	12.004	12.739	12.827	12.789
SD	0.032	0.052	0.024	0.033	0.065	0.072
CV(%)	3.927	6.361	2.860	4.085	8.082	8.935

### TYPICAL DATA

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



ng/ml	OD1	OD2	Average
100	0.138	0.144	0.141
50	0.283	0.265	0.274
25	0.494	0.511	0.503
12.5	0.896	0.859	0.878
6.25	1.063	1.103	1.083
3.125	1.431	1.389	1.410
1.563	1.810	1.801	1.806
0	2.209	2.276	2.243

### LOD

0.649ng/ml

### LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of Mouse AMBP 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)
1:300	Average %
	98
1:600	Average %
	99
1:1200	Average %
	87
1:2400	Average %
	96
	Range %
	83-116