

## WUHAN HUAMEI BIOTECH CO., LTD.

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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.

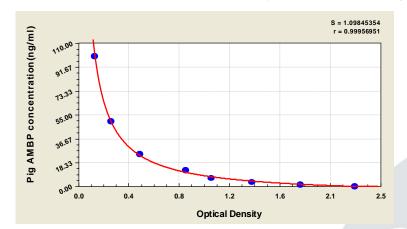
Inter-assay Precision (Precision between assays):CV%<10%

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(ng/ml)	12.160	12.100	11.806	12.324	12.408	12.371
SD	0.032	0.053	0.024	0.034	0.066	0.073
CV(%)	3.944	6.378	2.907	4.102	8.099	8.952

## **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	0.146	0.146	0.146
50	0.291	0.267	0.279
25	0.502	0.513	0.508
12.5	0.904	0.861	0.883
6.25	1.071	1.105	1.088
3.125	1.439	1.391	1.415
1.563	1.818	1.803	1.811
0	2.217	2.278	2.248

## LOD

0.649ng/ml

### LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of pig 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 %	95
1.300	Range %	80-103
1:600	Average %	90
1.000	Range %	82-103
1:1200	Average %	92
1.1200	Range %	89-115
1:2400	Average %	94
1.2400	Range %	88-107