

AAA15551

PRECISION

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

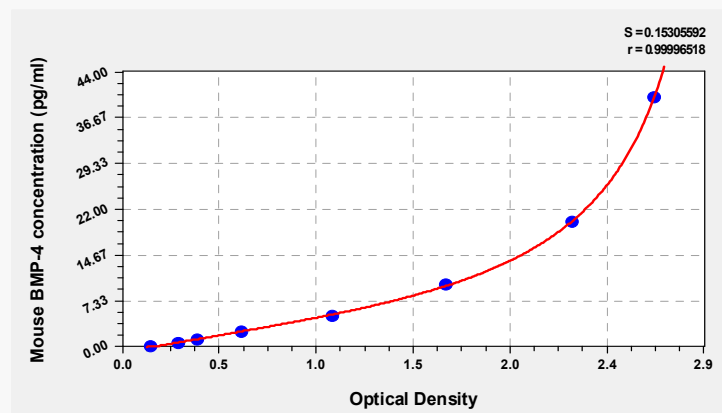
Three samples of known concentration were tested twenty times on one plate to assess.

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

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

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
40	2.657	2.677	2.667	2.509
20	2.212	2.302	2.257	2.099
10	1.583	1.683	1.633	1.475
5	1.042	1.082	1.062	0.904
2.5	0.597	0.622	0.610	0.452
1.25	0.384	0.401	0.393	0.235
0.625	0.288	0.302	0.295	0.137
0	0.162	0.154	0.158	

LOD

0.156 pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of mouse BMP-4 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)
1:1	Average %	85
	Range %	80-95
1:2	Average %	96
	Range %	91-112
1:4	Average %	85
	Range %	80-110
1:8	Average %	90
	Range %	86-98

RECOVERY

The recovery of mouse BMP-4 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	94	89-98
EDTA plasma (n=4)	92	90-99