

PRECISION

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

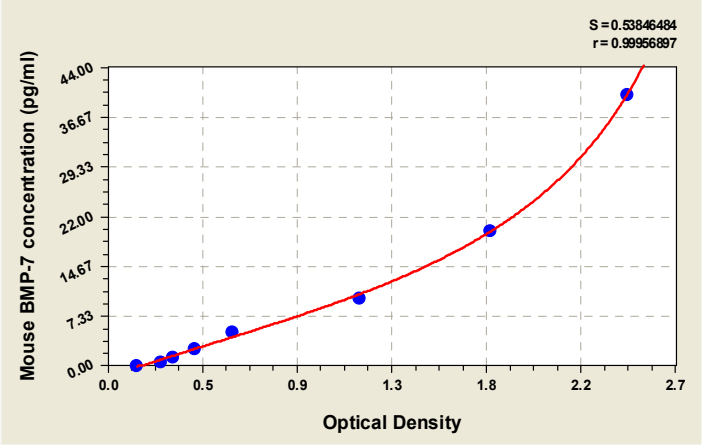
Three samples of known concentration were tested twenty times on one plate to assess.

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	2.449	2.440	2.445	2.295
20	1.788	1.818	1.803	1.653
10	1.196	1.181	1.189	1.039
5	0.584	0.604	0.594	0.444
2.5	0.424	0.415	0.420	0.270
1.25	0.321	0.312	0.317	0.167
0.625	0.272	0.255	0.264	0.114
0	0.152	0.148	0.150	

LOD

0.156 pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of mouse BMP-7 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 %	90
	Range %	87-92
1:2	Average %	103
	Range %	98-106
1:4	Average %	92
	Range %	89-97
1:8	Average %	100
	Range %	97-103

RECOVERY

The recovery of mouse BMP-7 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	91-96
EDTA plasma (n=4)	95	93-98