



PRECISION

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

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

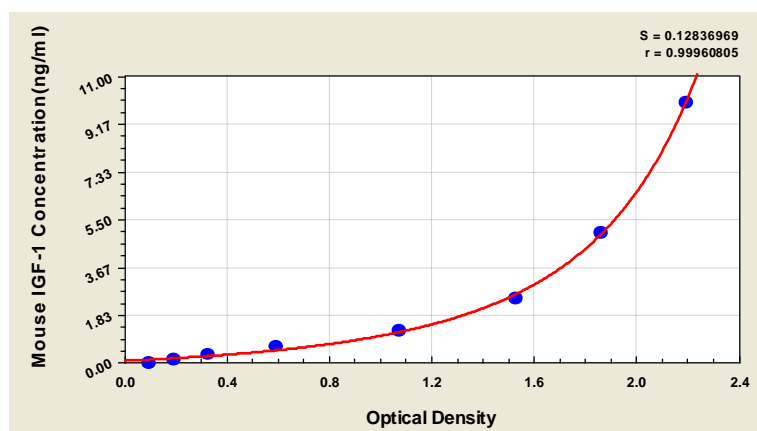
Inter-assay Precision (Precision between assays): CV%<10%

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)	1.259	1.252	1.230	1.271	1.264	1.240
SD	0.079	0.053	0.085	0.097	0.076	0.098
CV(%)	7.179	4.831	7.819	8.773	6.891	8.977

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	corrected
0	0.107	0.104	0.106	
0.156	0.209	0.192	0.201	0.095
0.313	0.327	0.332	0.330	0.224
0.625	0.622	0.562	0.592	0.486
1.25	1.013	1.123	1.068	0.962
2.5	1.593	1.438	1.516	1.410
5	1.863	1.827	1.845	1.739
10	2.076	2.267	2.172	2.066

LOD

0.151 ng/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of mouse IGF-1 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)
1:400	Average %	97
	Range %	91-103
1:800	Average %	94
	Range %	84-104
1:1600	Average %	90
	Range %	82-98
1:3200	Average %	96
	Range %	91-101