


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

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

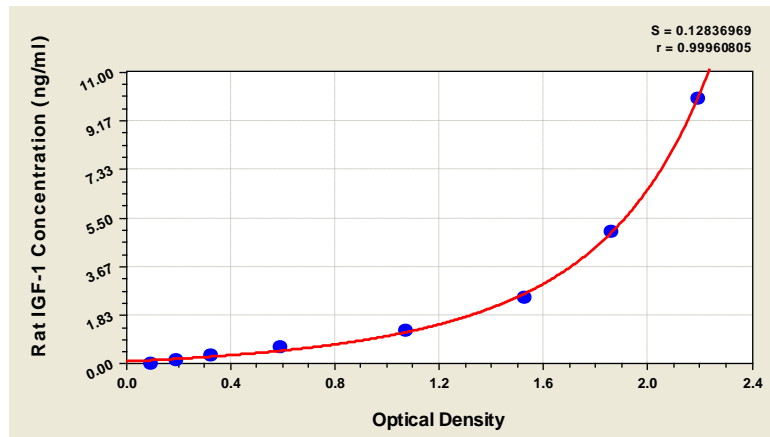
Inter-assay Precision (Precision between assays): CV%<10%

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)	1.256	1.263	1.249	1.271	1.254	1.267
SD	0.024	0.029	0.031	0.046	0.049	0.053
CV(%)	2.184	2.632	2.828	4.159	4.463	4.801

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	0.110	0.102	0.106	
0.156	0.209	0.192	0.201	0.095
0.313	0.340	0.320	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 Rat IGF-1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Rat Serum(n=4)
1:200	Average %	83
	Range %	80-94
1:400	Average %	86
	Range %	83-98
1:800	Average %	89
	Range %	86-95
1:1600	Average %	93
	Range %	90-101