

WUHAN HUAMEI BIOTECH CO., LTD.

Postal Address: Wuhan Hi-tech Medical Devices Park, Building B11, #818 Gaoxin Road, Donghu Hi-Tech Development Area, Wuhan, Hubei Province 430206, P.R.China Website: www.cusabio.com www.cusabio.cn Email: cusabio@cusabio.com Tel: +86-27-87582341 Fax: +86-27-87196150



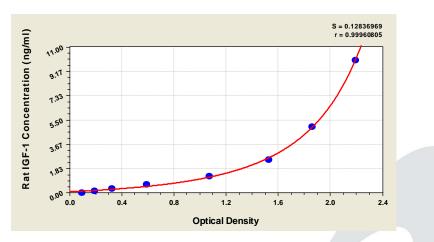
PRECISION

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)	1.256	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
1.200	Range %	80-94
1:400	Average %	86
	Range %	83-98
1:800	Average %	89
1.000	Range %	86-95
1:1600	Average %	93
1.1000	Range %	90-101