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

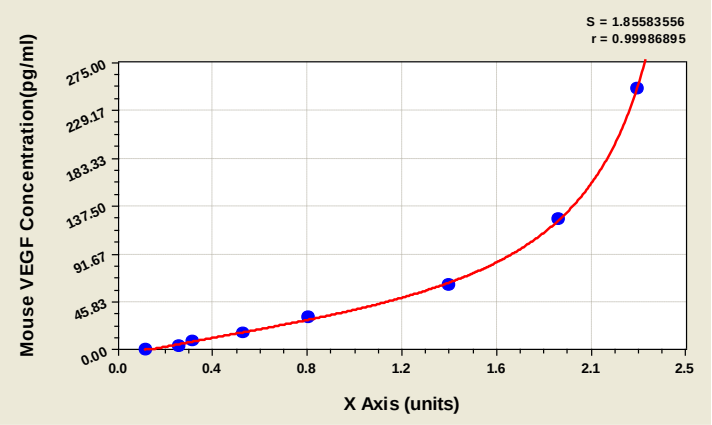
PRECISION

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(pg/ml)	31.523	32.069	31.342	31.108	30.575	30.096
SD	0.032	0.050	0.024	0.062	0.069	0.073
CV(%)	3.573	5.530	2.687	6.981	7.859	8.437

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
0	0.135	0.129	0.132	
3.906	0.267	0.289	0.278	0.146
7.813	0.335	0.331	0.333	0.201
15.625	0.566	0.536	0.551	0.419
31.25	0.824	0.841	0.833	0.701
62.5	1.524	1.353	1.439	1.307
125	1.904	1.921	1.913	1.781
250	2.281	2.214	2.248	2.116

LOD

0.857pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of Mouse VEGF 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 %	95
	Range %	80-100
1:2	Average %	97
	Range %	91-110
1:4	Average %	93
	Range %	85-95
1:8	Average %	95
	Range %	90-100

	Sample	Cell culture supernates (n=4)
1:2	Average %	91
	Range %	84-97
1:4	Average %	94
	Range %	91-111
1:8	Average %	90
	Range %	85-95

1:16	Average %	95	
	Range %	87-102	