

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.

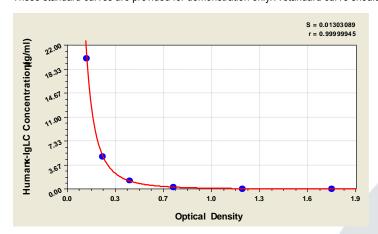
Inter-assay Precision (Precision between assays): CV%<10%

Three samples of known concentration were tested in twenty assays to assess.

	Intra-Assay Precision			Inter-Assay F	Inter-Assay Precision		
Sample	1	2	3	1	2	3	
n	20	20	20	20	20	20	
Mean(µg/ml)	1.174	1.276	1.239	1.406	1.253	1.324	
SD	0.030	0.020	0.027	0.033	0.028	0.038	
CV(%)	6.833	4.725	6.34	8.149	6.574	9.044	

TYPICAL DATA

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



μg/ml	OD1	OD2	Average
20	0.149	0.139	0.144
5	0.251	0.249	0.250
1.25	0.427	0.425	0.426
0.313	0.723	0.708	0.716
0.078	1.191	1.148	1.170
0	1.750	1.771	1.761

LOD

0.046µg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of human κ-lgLC 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)
1:200	Average %	92
1.200	Range %	84-97
1:800	Average %	95
1.000	Range %	84-103
1:3200	Average %	93
1.3200	Range %	85-99
1:12800	Average %	97
1.12000	Range %	90-104