



### PRECISION

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

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

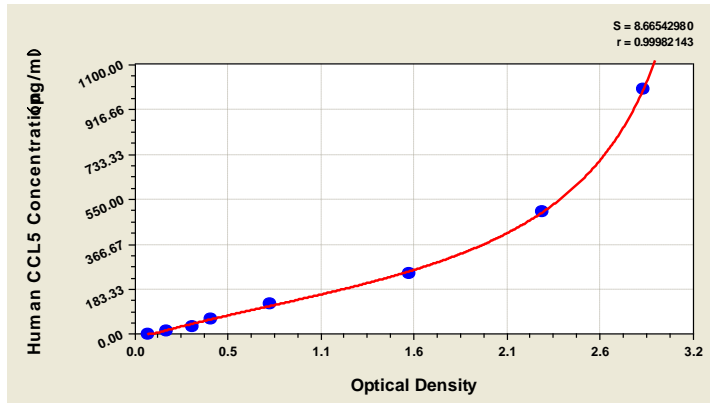
#### Inter-assay Precision (Precision between assays): CV%<10%

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(pg/ml)	121.037	118.955	124.726	122.800	117.994	128.261
SD	0.056	0.055	0.060	0.056	0.065	0.046
CV(%)	6.894	6.922	7.132	6.754	8.246	5.349

### 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	0.088	0.080	0.084	
15.6	0.175	0.197	0.186	0.102
31.2	0.321	0.349	0.335	0.251
62.5	0.410	0.460	0.435	0.351
125	0.741	0.807	0.774	0.690
250	1.585	1.541	1.563	1.479
500	2.309	2.335	2.322	2.238
1000	2.853	2.934	2.894	2.810

### LOD

2.307 pg/ml

### LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of Human CCL5 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 % Range %
1:400	Average % Range %
1:800	Average % Range %
1:1600	Average % Range %

Sample	Cell Culture Supernates
1:10	Average % Range %
1:20	Average % Range %
1:40	Average % Range %
1:80	Average %



**WUHAN HUAMEI BIOTECH CO., LTD.**

**Postal Address:** Wuhan Hi-tech Medical Devices Park, Building B11,  
No. 18, Maixin Road, Donghu Hi-Tech Development Area, Wuhan, Hubei  
Province, 430206, P.R. China

**Email:** cusabio@cusabio.com

**84-100:** +86-27-87582341

**Fax:** +86-27-87196150

**Website:** www.cusabio.com www.cusabio.cn

