



PRECISION

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

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

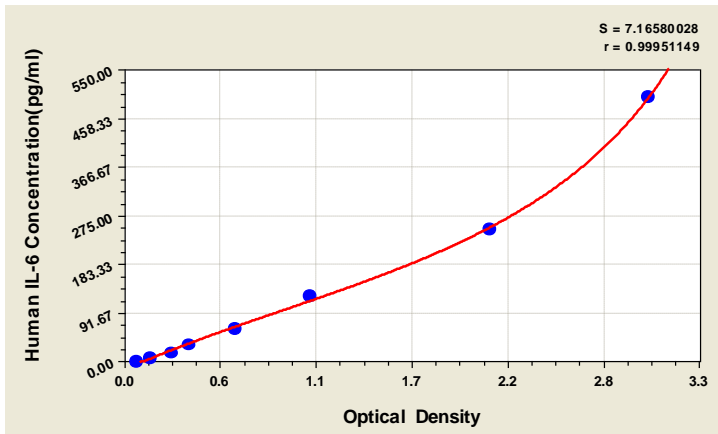
Inter-assay Precision (Precision between assays): CV%<10%

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)	66.320	65.154	67.219	65.841	60.110	65.108
SD	0.055	0.057	0.057	0.043	0.046	0.021
CV(%)	8.289	8.687	8.507	6.568	7.371	3.253

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	0.076	0.080	0.078	
7.8	0.154	0.158	0.156	0.078
15.6	0.271	0.275	0.273	0.195
31.2	0.369	0.377	0.373	0.295
62.5	0.640	0.642	0.641	0.563
125	1.002	1.135	1.069	0.991
250	2.075	2.125	2.100	2.022
500	3.020	3.004	3.012	2.934

LOD

2.453 pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of human IL-6 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)
1:2	Average %	95
	Range %	80-100
1:4	Average %	97
	Range %	91-110
1:8	Average %	93
	Range %	85-95
1:16	Average %	95
	Range %	90-100