



### PRECISION

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

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

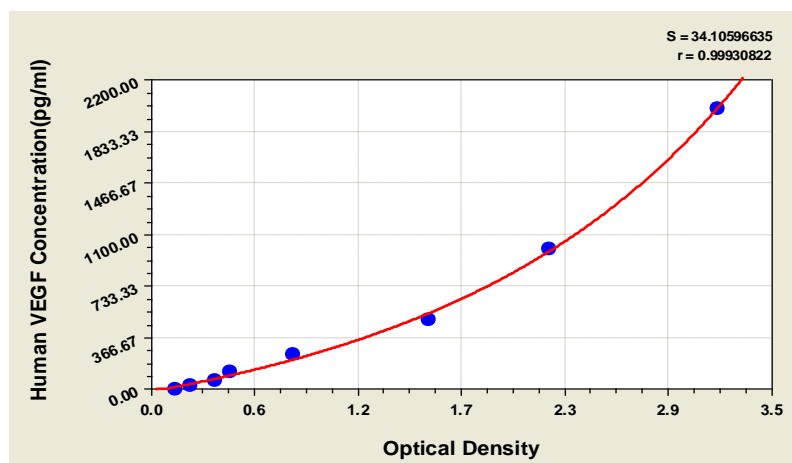
**Inter-assay Precision (Precision between assays): CV%<10%**

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)	255.577	255.200	251.451	250.704	254.074	252.949
SD	0.037	0.034	0.032	0.078	0.081	0.079
CV(%)	3.998	3.678	3.503	8.556	8.797	8.609

### 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	0.152	0.144	0.148	
31.25	0.231	0.239	0.235	0.087
62.5	0.352	0.388	0.370	0.222
125	0.455	0.453	0.454	0.306
250	0.811	0.801	0.806	0.658
500	1.546	1.574	1.560	1.412
1000	2.225	2.235	2.230	2.082
2000	3.186	3.144	3.165	3.017

### LOD

25.297pg/ml

### LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of human 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 %	92
	Range %	85-99
1:2	Average %	95
	Range %	87-106
1:4	Average %	94
	Range %	89-110
1:8	Average %	90
	Range %	86-98