

### **PRECISION**

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

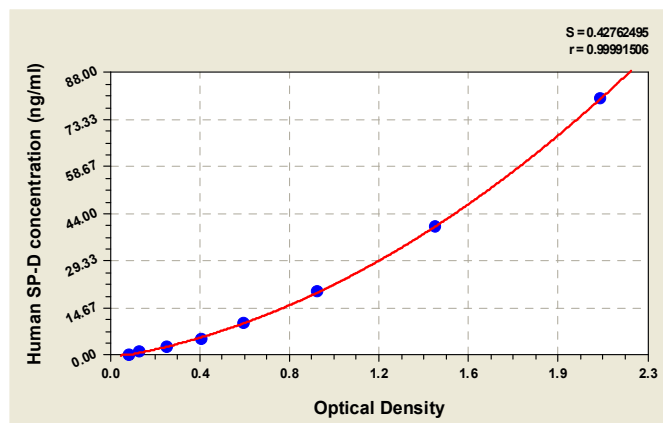
Three samples of known concentration were tested twenty times on one plate to assess.

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

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

### **TYPICAL DATA**

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



ng/ml	OD1	OD2	Average	Corrected
80	2.198	2.068	2.133	2.042
40	1.457	1.378	1.418	1.327
20	0.925	0.884	0.905	0.814
10	0.600	0.578	0.589	0.498
5	0.410	0.393	0.402	0.311
2.5	0.255	0.251	0.253	0.162
1.25	0.136	0.134	0.135	0.044
0	0.092	0.090	0.091	

### **LOD**

0.31ng/ml

**LINEARITY**

To assess the linearity of the assay, samples were spiked with high concentrations of human SP-D 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 %	85
	Range %	80-94
1:2	Average %	96
	Range %	91-100
1:4	Average %	98
	Range %	92-108
1:8	Average %	92
	Range %	86-97

**RECOVERY**

The recovery of human SP-D spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	94	89-97
EDTA plasma (n=4)	98	90-105