PRECISION

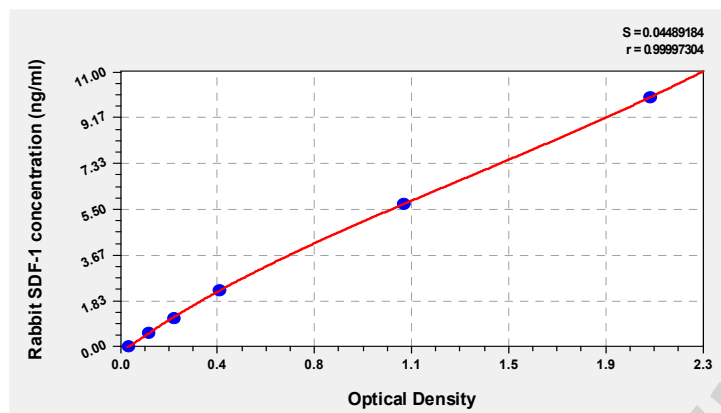**Intra-assay Precision (Precision within an assay): CV%<15%**

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

Inter-assay Precision (Precision between assays): CV%<15%

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.

pg/ml	OD1	OD2	Average	Corrected
10	2.167	1.999	2.083	2.046
5.71	1.154	1.074	1.114	1.077
2.28	0.399	0.384	0.392	0.355
1.14	0.211	0.212	0.212	0.175
0.57	0.114	0.111	0.113	0.076
0	0.035	0.038	0.037	

LOD

0.36 pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of rabbit SDF-1 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 %	102
	Range %	88-106
1:2	Average %	95
	Range %	89-102
1:4	Average %	88
	Range %	85-94
1:8	Average %	99
	Range %	93-104

RECOVERY

The recovery of rabbit SDF-1 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)	104	100-108
EDTA plasma (n=4)	93	91-97