PRECISION

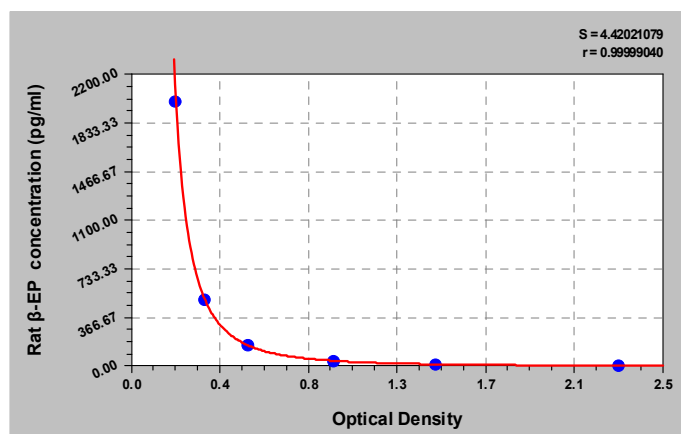**Intra-assay Precision (Precision within an assay): CV%<15%**

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
2000	0.214	0.212	0.213
500	0.365	0.336	0.351
160	0.534	0.578	0.556
40	0.939	0.994	0.967
10	1.424	1.476	1.450
0	2.381	2.259	2.320

LOD

5pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of rat β-EP 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 %	84
	Range %	80-90
1:2	Average %	97
	Range %	91-105
1:4	Average %	94
	Range %	90-98
1:8	Average %	92
	Range %	88-96

RECOVERY

The recovery of rat β-EP 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)	95	89-98
EDTA plasma (n=4)	90	84-96