AAA15506

PRECISION

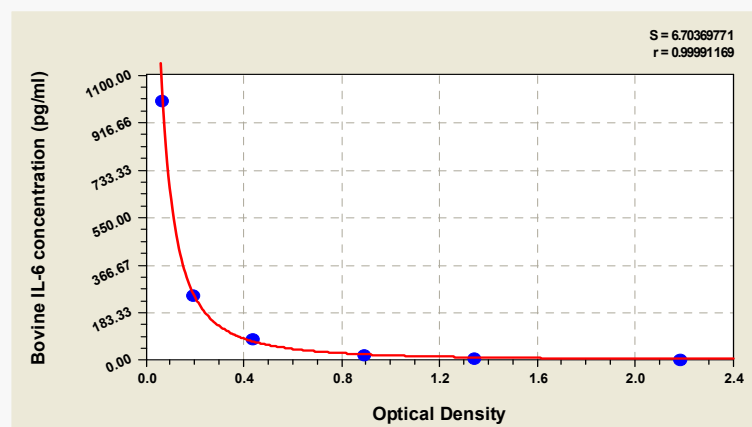**Intra-assay Precision (Precision within an assay): CV%<15%**

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
1000	0.071	0.075	0.073
250	0.192	0.205	0.199
80	0.421	0.451	0.436
20	0.876	0.897	0.887
5	1.345	1.316	1.331
0	2.116	2.215	2.166

LOD

2.5pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of bovine 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)
1:1	Average %	93
	Range %	90-97
1:2	Average %	95
	Range %	91-99
1:4	Average %	95
	Range %	88-101
1:8	Average %	95
	Range %	90-100

RECOVERY

The recovery of bovine IL-6 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	94-101
EDTA plasma (n=4)	96	92-103