

PRECISION

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

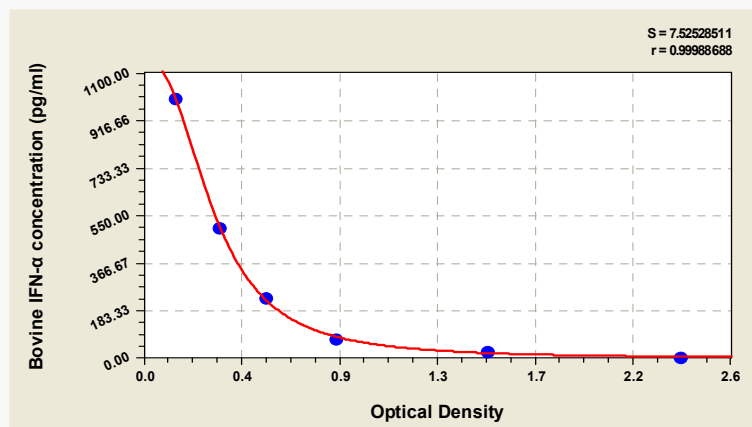
Three samples of known concentration were tested twenty times on one plate to assess.

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	0.156	0.149	0.153
500	0.362	0.336	0.349
230	0.561	0.541	0.551
75	0.865	0.856	0.861
25	1.542	1.508	1.525
0	2.390	2.356	2.373

LOD

25pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of bovine IFN-α 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 %	96
	Range %	91-101
1:2	Average %	91
	Range %	85-98
1:4	Average %	95
	Range %	90-103
1:8	Average %	96
	Range %	90-102

RECOVERY

The recovery of bovine IFN- α 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	89-98
EDTA plasma (n=4)	97	91-103