



PRECISION

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

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

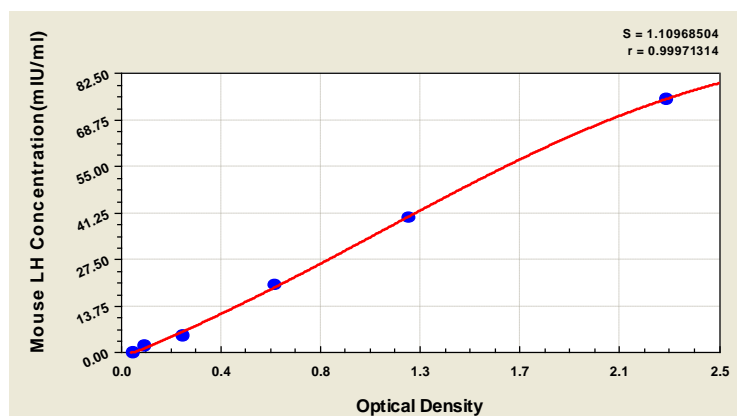
Inter-assay Precision (Precision between assays): CV%<15%

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

	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(mIU/ml)	20.348	18.906	19.157	20.022	18.690	19.733
SD	0.041	0.038	0.040	0.057	0.063	0.063
CV(%)	6.077	5.984	6.231	8.557	10.011	9.574

TYPICAL DATA

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



mIU/ml	OD1	OD2	Average
0	0.054	0.056	0.055
2	0.097	0.107	0.102
5	0.252	0.272	0.262
20	0.641	0.652	0.647
40	1.112	1.296	1.204
75	2.361	2.202	2.281

LOD

0.5 mIU/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of Mouse Luteinizing Hormone(LH) 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 %	87
	Range %	85-92
1:2	Average %	92
	Range %	87-99
1:4	Average %	95
	Range %	88-101
1:8	Average %	96
	Range %	92-105