



## **PRECISION**

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

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

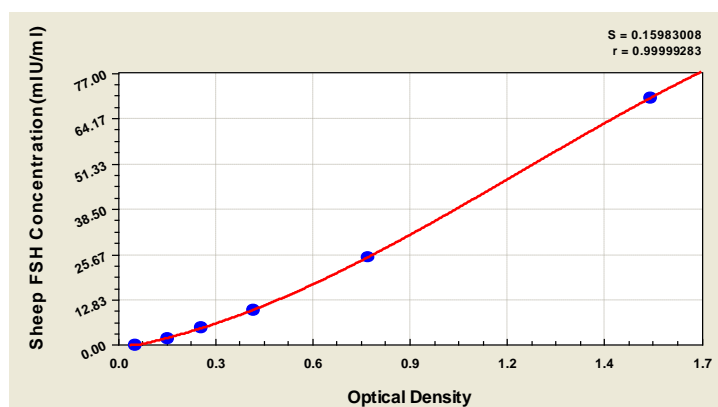
**Inter-assay Precision (Precision between assays): CV%<15%**

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)	10.002	9.558	10.302	9.301	10.757	9.119
SD	0.026	0.028	0.028	0.036	0.042	0.036
CV(%)	6.374	7.120	6.854	9.382	9.887	9.562

## **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
70	1.584	1.569	1.577
25	0.702	0.785	0.744
10	0.404	0.405	0.405
5	0.256	0.244	0.250
2	0.159	0.145	0.152
0	0.055	0.057	0.056

## **LOD**

1.0 mIU/ml

## **LINEARITY**

To assess the linearity of the assay, samples were spiked with high concentrations of Sheep Follicle-Stimulating Hormone(FSH) 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 %	87-96
1:2	Average %	89
	Range %	80-94
1:4	Average %	96
	Range %	90-107
1:8	Average %	85
	Range %	80-96