

AAA15432

PRECISION

Intra-assay Precision (Precision within an assay): CV%<8%

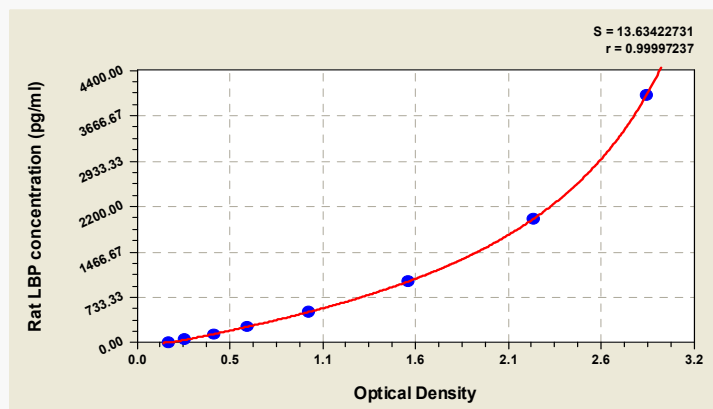
Three samples of known concentration were tested twenty times on one plate to assess.

Inter-assay Precision (Precision between assays): CV%<10%

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	Corrected
4000	2.869	2.899	2.884	2.688
2000	2.231	2.268	2.250	2.054
1000	1.514	1.569	1.542	1.346
500	0.969	0.999	0.984	0.788
250	0.628	0.648	0.638	0.442
125	0.432	0.469	0.451	0.255
62.5	0.297	0.278	0.288	0.092
0	0.197	0.195	0.196	

LOD

15.6 pg/ml

for research use only

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of rat LBP 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)
1:5	Average %	85
	Range %	81-89
1:10	Average %	94
	Range %	91-98
1:20	Average %	91
	Range %	85-97
1:40	Average %	86
	Range %	82-89

RECOVERY

The recovery of rat LBP 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)	100	97-103
EDTA plasma (n=4)	94	90-98