

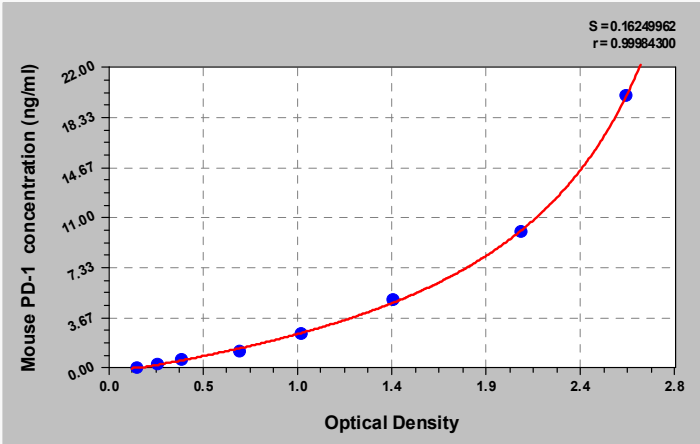
PRECISION

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.



ng/ml	OD1	OD2	Average	Corrected
20	2.652	2.528	2.590	2.430
10	2.121	2.009	2.065	1.905
5	1.439	1.417	1.428	1.268
2.5	0.994	0.952	0.973	0.813
1.25	0.651	0.680	0.666	0.506
0.625	0.384	0.375	0.380	0.220
0.312	0.256	0.261	0.259	0.099
0	0.163	0.156	0.160	

LOD

0.078ng/ml

for research use only

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of mouse PD-1 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 %	97
	Range %	92-101
1:2	Average %	91
	Range %	85-96
1:4	Average %	84
	Range %	80-88
1:8	Average %	95
	Range %	95-99

RECOVERY

The recovery of mouse PD-1 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)	101	96-107
EDTA plasma (n=4)	95	90-100