

PRECISION

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

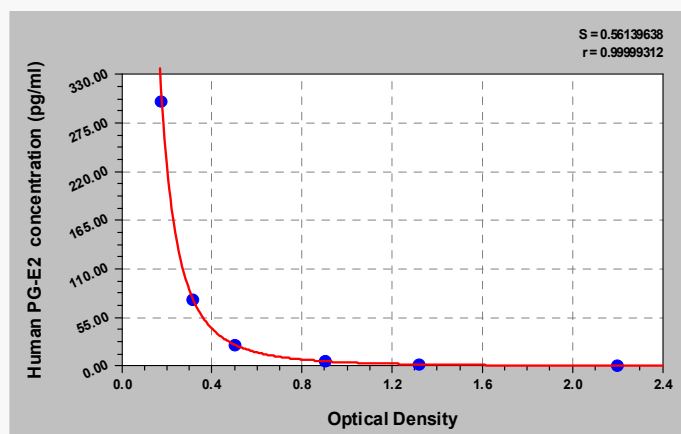
Three samples of known concentration were tested twenty times on one plate to assess.

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
300	0.193	0.201	0.197
75	0.349	0.327	0.338
24	0.523	0.531	0.527
6	0.903	0.962	0.933
1.5	1.316	1.393	1.355
0	2.271	2.212	2.242

LOD

0.75pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of human PG-E2 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 %	95
	Range %	91-99
1:2	Average %	92
	Range %	86-96
1:4	Average %	97
	Range %	92-103
1:8	Average %	84
	Range %	80-88

RECOVERY

The recovery of human PG-E2 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)	90	83-94