


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

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

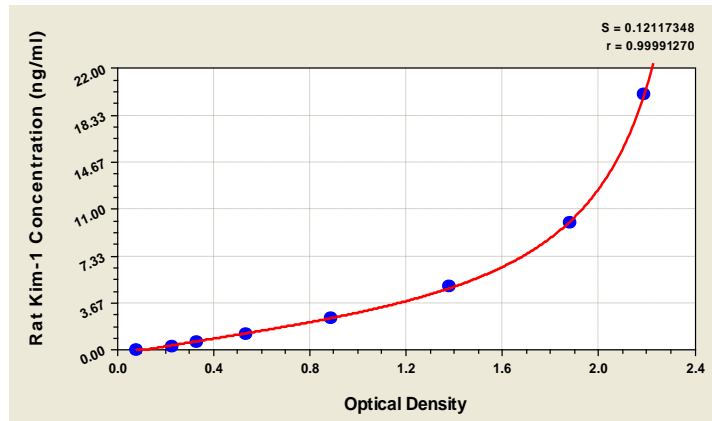
Inter-assay Precision (Precision between assays): CV%<10%

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

Sample	Intra-Assay Precision			Inter-Assay Precision		
	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(ng/ml)	2.480	2.513	2.532	2.550	2.528	2.477
SD	0.023	0.021	0.019	0.036	0.037	0.035
CV(%)	2.561	2.315	2.083	3.926	4.061	3.902

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
0	0.079	0.093	0.086	
0.313	0.237	0.243	0.240	0.154
0.625	0.337	0.340	0.339	0.253
1.25	0.535	0.563	0.549	0.463
2.5	0.921	0.881	0.901	0.815
5	1.401	1.396	1.399	1.313
10	1.943	1.867	1.905	1.819
20	2.277	2.149	2.213	2.127

LOD

0.228 ng/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of Rat Kim-1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

Sample	Sample	Serum(n=4)
1:1	Average %	83
	Range %	80-94
1:2	Average %	86
	Range %	83-98
1:4	Average %	89
	Range %	86-95
1:8	Average %	93
	Range %	90-101