



PRECISION

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

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

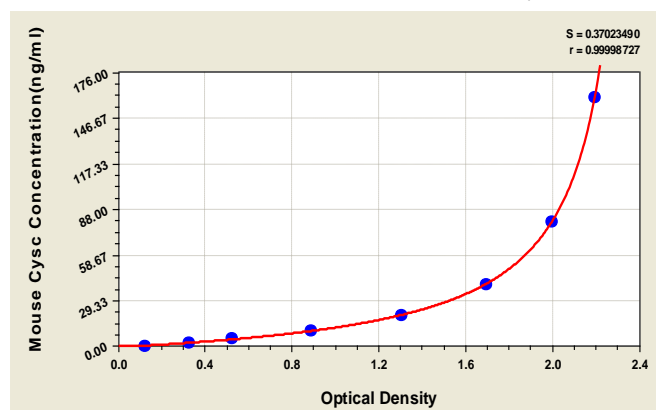
Inter-assay Precision (Precision between assays): CV%<10%

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

	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(ng/ml)	20.264	20.634	19.415	21.187	20.465	20.771
SD	0.034	0.036	0.032	0.051	0.052	0.054
CV(%)	2.543	2.671	2.441	3.739	3.872	3.994

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	0.133	0.136	0.135	
2.5	0.353	0.334	0.344	0.209
5	0.558	0.534	0.546	0.411
10	0.921	0.911	0.916	0.781
20	1.346	1.324	1.335	1.200
40	1.746	1.713	1.730	1.595
80	2.086	1.986	2.036	1.901
160	2.277	2.197	2.237	2.102

LOD

0.819 ng/ml

LINEARITY

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

	Sample	Mouse Serum(n=4)
1:100	Average %	84
	Range %	80-96
1:200	Average %	87
	Range %	82-101
1:400	Average %	90
	Range %	85-105
1:800	Average %	94
	Range %	89-112