



PRECISION

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

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

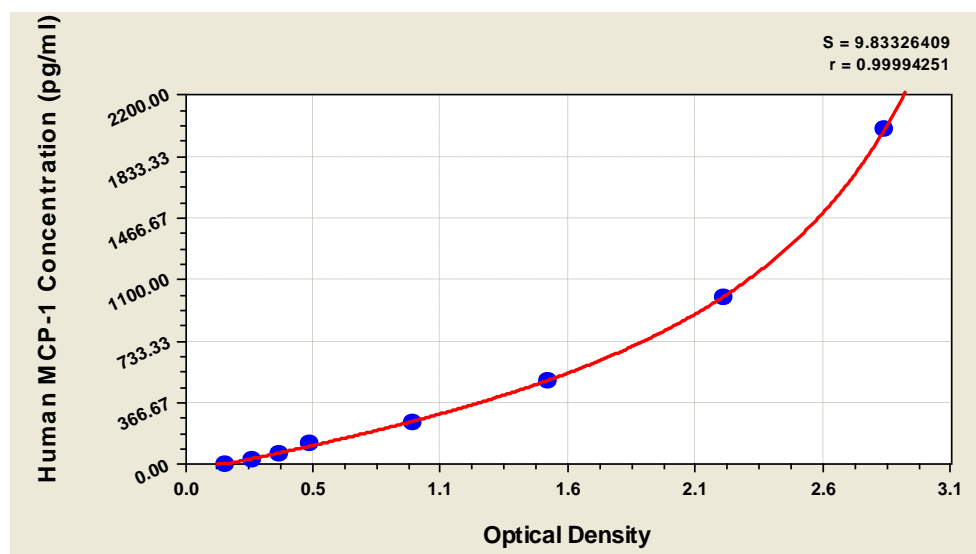
Inter-assay Precision (Precision between assays): CV%<10%

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(pg/ml)	246.815	250.811	242.663	247.918	245.313	258.228
SD	0.063	0.035	0.071	0.082	0.089	0.045
CV(%)	6.895	3.787	7.865	8.946	9.783	4.769

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
0	0.175	0.178	0.177	
31.25	0.310	0.274	0.292	0.115
62.5	0.413	0.378	0.396	0.219
125	0.545	0.492	0.519	0.342
250	0.946	0.931	0.939	0.762
500	1.568	1.412	1.490	1.313
1000	2.193	2.212	2.203	2.026
2000	2.788	2.932	2.860	2.683

LOD

30.184pg/ml

LINEARITY

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

	Sample	Human Serum(n=4)
1:1	Average %	91
	Range %	80-101
1:2	Average %	86
	Range %	82-104
1:4	Average %	97
	Range %	89-117
1:8	Average %	94
	Range %	88-102



	Sample	Human Urine (n=4)
1:1	Average %	88
	Range %	82-96
1:2	Average %	92
	Range %	84-105
1:4	Average %	94
	Range %	87-108
1:8	Average %	99
	Range %	91-112