



### PRECISION

#### **Intra-assay Precision (Precision within an assay): CV%<6%**

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

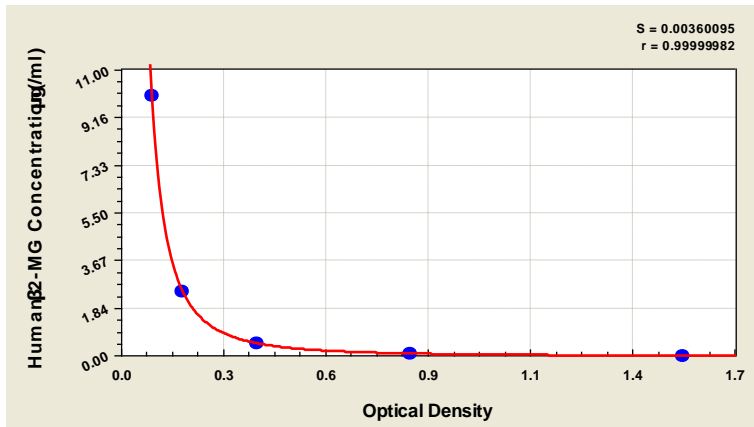
#### **Inter-assay Precision (Precision between assays): CV%<11%**

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( $\mu\text{g/ml}$ )	0.514	0.554	0.482	0.495	0.529	0.487
SD	0.020	0.019	0.016	0.020	0.019	0.016
CV(%)	5.364	5.198	4.139	5.364	5.198	4.139

### TYPICAL DATA

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



$\mu\text{g/ml}$	OD1	OD2	Average
10	0.093	0.095	0.094
2.5	0.171	0.187	0.179
0.5	0.391	0.379	0.385
0.1	0.823	0.799	0.811
0.025	1.555	1.575	1.565

### LOD

0.01 $\mu\text{g/ml}$

### LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of Human  $\beta$ 2-microglobulin(BMG/ $\beta$ 2-MG) 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 %
	Range %
1:2	Average %
	Range %
1:4	Average %
	Range %
1:8	Average %
	Range %