



### PRECISION

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

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

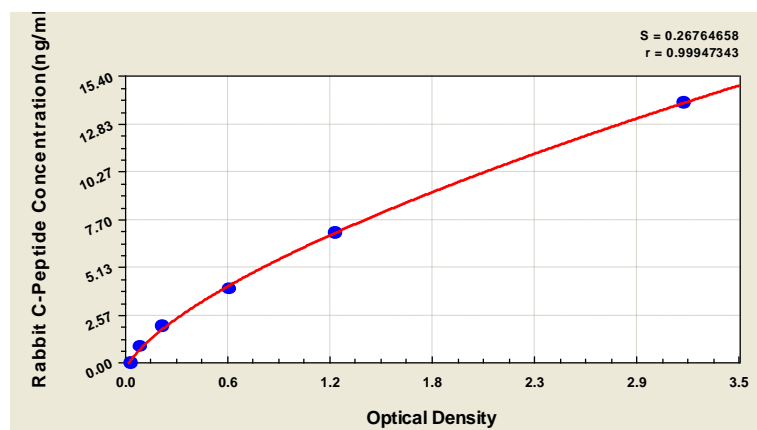
#### **Inter-assay Precision (Precision between assays): CV%<15%**

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

	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(ng/ml)	4.175	3.885	4.004	4.047	4.228	3.950
SD	0.044	0.042	0.040	0.048	0.055	0.051
CV(%)	7.339	7.594	6.981	8.369	9.024	9.115

### 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
14	3.159	3.247	3.203
7	1.157	1.253	1.205
4	0.560	0.640	0.600
2	0.208	0.220	0.214
0.9	0.090	0.084	0.087
0	0.040	0.042	0.041

### LOD

0.3 ng/ml

### LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of Rabbit C-Peptide 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 %	85
	Range %	81-87
1:2	Average %	96
	Range %	90-101
1:4	Average %	93
	Range %	85-99
1:8	Average %	96
	Range %	90-100