

AAA15500

**PRECISION**

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

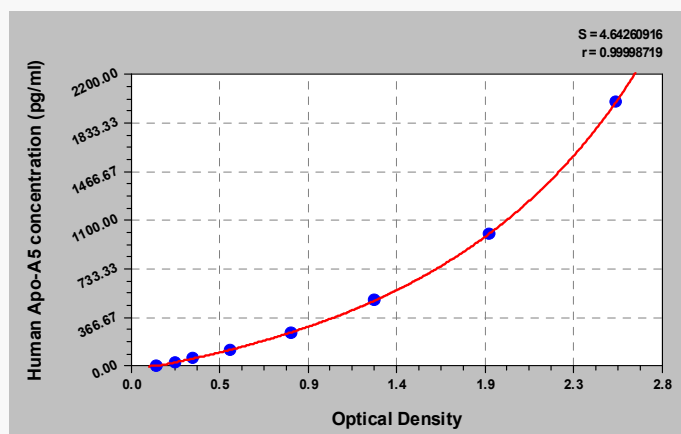
Three samples of known concentration were tested twenty times on one plate to assess.

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

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

**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
2000	2.589	2.520	2.555	2.405
1000	1.964	1.813	1.889	1.739
500	1.321	1.254	1.288	1.138
250	0.866	0.839	0.853	0.703
125	0.541	0.524	0.533	0.383
62.5	0.348	0.329	0.339	0.189
31.25	0.253	0.239	0.246	0.096
0	0.153	0.147	0.150	

**LOD**

7.81pg/ml

# for research use only

## **LINEARITY**

To assess the linearity of the assay, samples were spiked with high concentrations of human Apo-A5 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)
1:200	Average %	89
	Range %	80-100
1:400	Average %	97
	Range %	90-105
1:800	Average %	104
	Range %	91-110
1:1600	Average %	93
	Range %	86-98

## **RECOVERY**

The recovery of human Apo-A5 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	92	83-98
EDTA plasma (n=4)	95	90-100