



Concentration(pg/mL)	1000	500	250	125	62.5	31.25	15.63	0
OD	2.559	1.599	0.935	0.461	0.267	0.166	0.116	0.064
Corrected OD	2.495	1.535	0.871	0.397	0.203	0.102	0.052	-

XI. Precision:

Intra-assay Precision (Precision within an assay): 3 samples with low, mid-range and high level Human AGP1 were tested 20 times on one plate, respectively.

Inter-assay Precision (Precision between assays): 3 samples with low, mid-range and high level Human AGP1 were tested on 3 different plates, 20 replicates in each plate

Sample	Intra-assay Precision			Inter-assay Precision		
	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(pg/mL)	52.17	114.96	399.44	47.83	126.28	430.38
Standard deviation	3.45	5.85	21.57	2.77	5.59	13.08
C V (%)	6.61	5.09	5.40	5.79	4.43	3.04

XII. Recovery:

The recovery of Human AGP1 spiked at three different levels in samples throughout the range of the assay was evaluated in various matrices

Sample Type	Range (%)	Average Recovery (%)
Serum (n=5)	90-102	96
EDTA plasma (n=5)	93-105	98
Cell culture media (n=5)	86-100	91

XIII. Linearity:

Samples were spiked with high concentrations of Human AGP1 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.

		Serum (n=5)	EDTA plasma(n=5)	Cell culture media(n=5)
1:2	Range (%)	96-111	89-101	95-110
	Average (%)	103	94	103
1:4	Range (%)	88-99	83-93	85-96
	Average (%)	94	88	90
1:8	Range (%)	91-106	79-90	82-93
	Average (%)	98	85	88
1:16	Range (%)	89-104	87-102	81-92
	Average (%)	96	93	87

XIV. RELATED PRODUCTS:

- Peptide YY (Mouse) ELISA Kit (E4786)
- Peptide YY (Human) ELISA Kit (E4785)
- C-Peptide ELISA Kit (E4701)
- C-Peptide (human/mouse/rat) EIA Kit (K4757)

FOR RESEARCH USE ONLY! Not to be used on humans.