


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

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

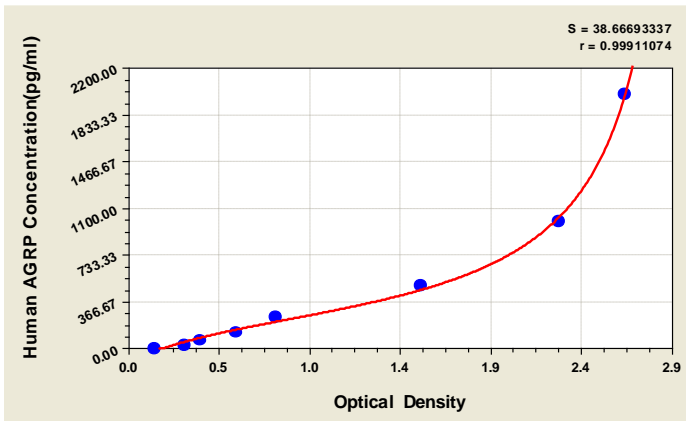
Inter-assay Precision (Precision between assays): CV%<10%

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)	210.768	216.753	214.427	219.723	214.721	221.158
SD	0.038	0.055	0.060	0.069	0.054	0.057
CV(%)	4.907	6.905	7.511	8.431	6.726	6.976

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	0.144	0.152	0.148	
31.25	0.318	0.296	0.307	0.159
62.5	0.391	0.389	0.390	0.242
125	0.578	0.580	0.579	0.431
250	0.811	0.759	0.785	0.637
500	1.551	1.551	1.551	1.403
1000	2.231	2.314	2.273	2.125
2000	2.623	2.623	2.623	2.475

LOD

0.002pg/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of human AGRP 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)	
	Average %	Range %
1:1	85	80-91
1:2	88	82-99
1:4	90	85-97
1:8	92	90-101

Sample	Urine (n=4)	
	Average %	Range %
1:2	87	82-91
1:4	99	86-110
1:8	93	89-101
1:16	90	88-100