

# WUHAN HUAMEI BIOTECH CO., LTD.

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### PRECISION

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

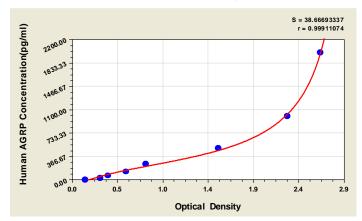
Three samples of known concentration were tested twenty times on one plate to assess.

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

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

	Intra-Assay Precis	Intra-Assay Precision			Inter-Assay Precision		
Sample	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)
1:1	Average %	85
1.1	Range %	80-91
1:2	Average %	88
Range %	Range %	82-99
1.4	Average %	90
1:4	Range %	85-97
1:8	Average %	92
1.0	Range %	90-101

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