



Human High Molecular Weight Adiponectin(HMW Adiponectin)ELISA Kit

Product Code	CSB-E13400h			
Abbreviation	HMW Adiponectin			
Target Name	High Molecular Weight Adiponectin(HMW Adiponectin)			
Uniprot No.	Q15848			
Product Type	ELISA Kit			
Immunogen Species	Homo sapiens (Human)			
Sample Types	serum, plasma, cell culture supernates, tissue homogenates, urine			
Detection Range	3.12 ng/mL-200 ng/mL			
Sensitivity	0.78 ng/mL			
Assay Time	1-5h			
Sample Volume	50-100ul			
Detection Wavelength	450 nm			
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.			
Research Area	Others			
Gene Names	ADIPOQ			
Tag Info	quantitative			
Protein Description	Sandwich			
Description	This Human HMW Adiponectin ELISA Kit was designed for the quantitative measurement of Human HMW Adiponectin protein in serum, plasma, cell culture supernates, tissue homogenates, urine. It is a Sandwich ELISA kit, its detection range is 3.12 ng/mL-200 ng/mL and the sensitivity is 0.78 ng/mL.			
Product 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.			
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of human HMW adiponectin in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table><tr><td>?</td><td>Sample</td><td>Serum(n=4)</td></tr></table>	?	Sample	Serum(n=4)
?	Sample	Serum(n=4)		



1:100	Average %	87
	Range %	84-91
1:200	Average %	95
	Range %	90-100
1:400	Average %	99
	Range %	95-104
1:800	Average %	101
	Range %	96-106

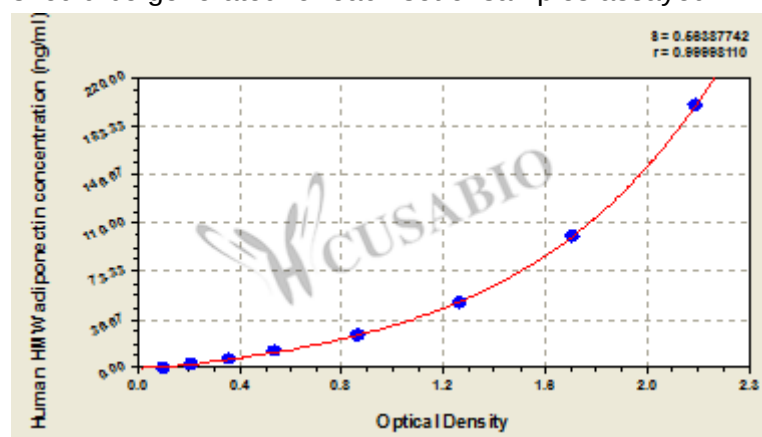
Recovery

The recovery of human HMW adiponectin 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)	99	95-104
EDTA plasma (n=4)	92	87-98

Typical

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	Corrected
200	2.169	2.117	2.143	2.040
100	1.679	1.658	1.669	1.566
50	1.245	1.231	1.238	1.135
25	0.832	0.869	0.851	0.748
12.5	0.513	0.547	0.530	0.427
6.25	0.345	0.367	0.356	0.253
3.12	0.203	0.212	0.208	0.105
0	0.102	0.104	0.103	?

Msds

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