



Human angiopoietin-like protein 8(ANGPTL8) ELISA Kit

Product Code	CSB-EL028107HU
Abbreviation	ANGPTL8
Target Name	angiopoietin-like protein 8(ANGPTL8)
Uniprot No.	Q6UXH0
Alias	Betatrophin,Lipasin,C19orf80,UNQ599,PRO1185
Product Type	ELISA kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	6.25 pg/mL-400 pg/mL
Sensitivity	1.56 pg/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	ANGPTL8
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human ANGPTL8 ELISA Kit was designed for the quantitative measurement of Human ANGPTL8 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 6.25 pg/mL-400 pg/mL and the sensitivity is 1.56 pg/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 ANGPTL8 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)
1:1000	Average %	95
	Range %	90-101
1:2000	Average %	90
	Range %	85-95
1:4000	Average %	101
	Range %	94-106
1:8000	Average %	98
	Range %	90-104

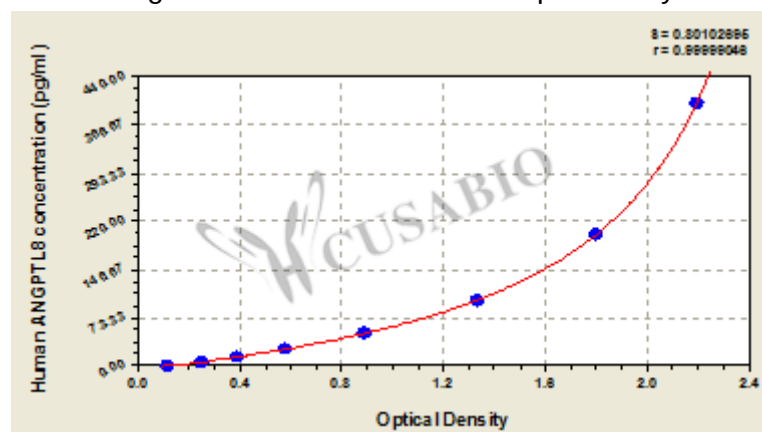
Recovery

The recovery of human ANGPTL8 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)	90	90-99
EDTA plasma (n=4)	101	94-109

Typical

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
400	2.114	2.198	2.156	2.033
200	1.756	1.785	1.771	1.648
100	1.324	1.300	1.312	1.189
50	0.864	0.891	0.878	0.755
25	0.582	0.572	0.577	0.454
12.5	0.381	0.398	0.390	0.267
6.25	0.250	0.259	0.255	0.132
0	0.122	0.124	0.123	?

Msds

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