Human Complement C1q tumor necrosis factor-related protein 9A(C1QTNF9) ELISA kit

Product Code	CSB-EL003654HU
Abbreviation	C1QTNF9
Target Name	C1q and tumor necrosis factor related protein 9
Uniprot No.	P0C862
Alias	RP11-307N16.1, C1QTNF9A, CTRP9, MGC48915, OTTHUMP00000018124
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.312 ng/mL-20 ng/mL
Sensitivity	0.078 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	C1QTNF9
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human C1QTNF9 ELISA Kit was designed for the quantitative measurement of Human C1QTNF9 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.312 ng/mL-20 ng/mL and the sensitivity is 0.078 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 C1QTNF9 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 %	97
	Range %	91-101
1:2	Average %	101
	Range %	95-104
1:4	Average %	92
	Range %	85-95
1:8	Average %	100
	Range %	94-103

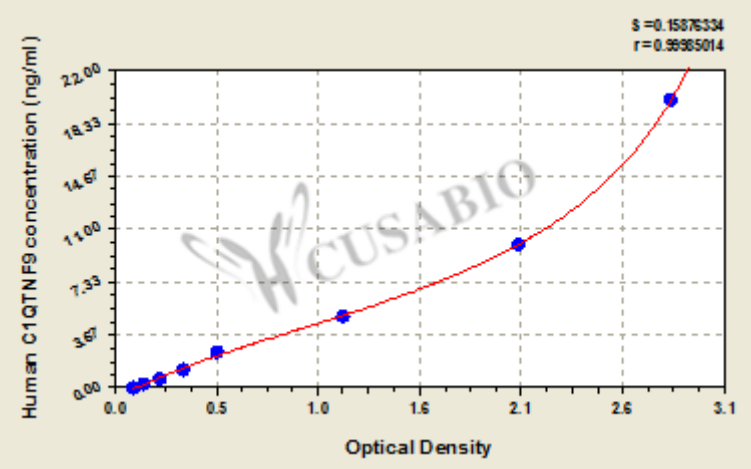
Recovery

The recovery of human C1QTNF9 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)	91	85-96
EDTA plasma (n=4)	90	82-94

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
20	2.840	2.799	2.820	2.711
10	2.104	1.997	2.051	1.942
5	1.171	1.151	1.161	1.052
2.5	0.532	0.523	0.528	0.419
1.25	0.349	0.358	0.354	0.245
0.625	0.233	0.242	0.238	0.129
0.312	0.161	0.157	0.159	0.050
0	0.111	0.107	0.109	

Msds

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