



Human Complement factor H-related protein 2(CFHR2) ELISA kit

Product Code	CSB-EL005275HU
Abbreviation	CFHR2
Target Name	complement factor H-related 2
Uniprot No.	P36980
Alias	CFHL2, FHR2, HFL3, H factor (complement)-like 3 factor H-related gene 2
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	6.25 ng/mL-400 ng/mL
Sensitivity	1.56 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	Immunology
Gene Names	CFHR2
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human CFHR2 ELISA Kit was designed for the quantitative measurement of Human CFHR2 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 6.25 ng/mL-400 ng/mL and the sensitivity is 1.56 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 CFHR2 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)
1:100	Average %	91
	Range %	87-95
1:200	Average %	96
	Range %	90-102
1:400	Average %	104
	Range %	98-109
1:800	Average %	92
	Range %	86-98

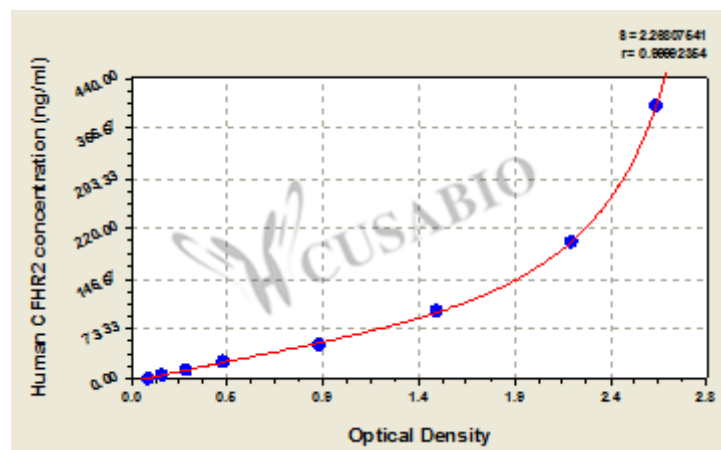
Recovery

The recovery of human CFHR2 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)	101	97-105
EDTA plasma (n=4)	94	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
400	2.520	2.637	2.579	2.485
200	2.124	2.205	2.165	2.071
100	1.446	1.557	1.502	1.408
50	0.937	0.923	0.930	0.836
25	0.458	0.461	0.460	0.366
12.5	0.271	0.283	0.277	0.183
6.25	0.156	0.163	0.160	0.066
0	0.093	0.095	0.094	?

Msds

{"O":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-EL005275HU.pdf","filename":"MSDS"}}