

Human Complement factor H-related protein 1 ELISA Kit | CFHR1 elisa kit

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CATALOG #
AAA100548

REACTIVITY
Human

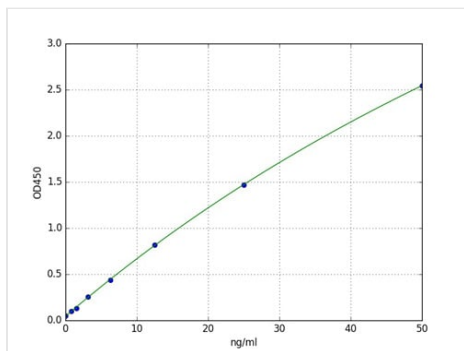
PRODUCT SYNONYMS

Complement factor H-related protein 1; Human Complement factor H-related protein 1 ELISA Kit; CFHR1/BTA/FHR1/CFHL1FHR-1/CFHLCFHR1P/complement factor H-related 1/complement factor H-related 1 pseudogene/FHR1CFHL1P/H factor (complement)-like 1/H factor (complement)-like 2/H factor-like protein 1/H36-1/H36-2/H-factor-like 1/HFL1H36/HFL2; CFHR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	330
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	10.938-700ng/ml
Sensitivity	6.542ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human CFHR1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.057	0.092	0.133	0.228	0.403	0.669	1.709	2.476

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFHR1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human CFHR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CFHR1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CFHR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CFHR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118442839
NCBI GeneID	3078
NCBI Accession #	NP_002104.2
NCBI GenBank Nucleotide #	NM_002113.2
Molecular Weight	37,651 Da
NCBI Official Full Name	complement factor H-related protein 1
NCBI Official Synonym Full Names	complement factor H related 1
NCBI Official Symbol	CFHR1
NCBI Official Synonym Symbols	CFHL; FHR1; HFL1; HFL2; CFHL1; H36-1; H36-2; CFHL1P; CFHR1P
NCBI Protein Information	complement factor H-related protein 1
UniProt Protein Name	Complement factor H-related protein 1
UniProt Gene Name	CFHR1
UniProt Synonym Gene Names	CFHL; CFHL1; CFHL1P; CFHR1P; FHR1; HFL1; HFL2; FHR-1; H-factor-like 1
UniProt Entry Name	FHR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cfhr1-human-elisa-kits/complement-factor-h-related-protein-1/100548>