

Human Complement Factor H Related Protein 3 (CFHR3) ELISA Kit | CFHR3 elisa kit

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CATALOG #
AAA139768

REACTIVITY
Human

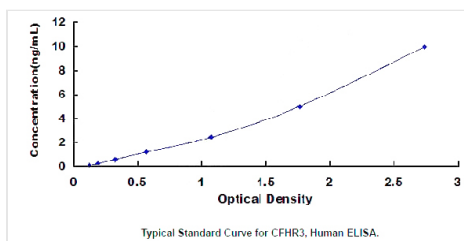
PRODUCT SYNONYMS

Complement Factor H Related Protein 3 (CFHR3); Human Complement Factor H Related Protein 3 (CFHR3) ELISA Kit; CFHL3; DOWN16; FHR-3; FHR3; HLF4; H factor-like protein 3; CFHR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CFHR3. No significant cross-reactivity or interference between CFHR3 and analogues was observed.
Sequence Length	269
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.074ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CFHR3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CFHR3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFHR3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CFHR3 in human serum, plasma and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CFHR3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CFHR3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CFHR3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CFHR3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CFHR3 elisa kit	Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792787
NCBI GeneID	10878
NCBI Accession #	NP_066303.2
NCBI GenBank Nucleotide #	NM_021023.5
UniProt Accession #	Q02985; Q9UJ16; B4DPR0
Molecular Weight	30,720 Da
NCBI Official Full Name	complement factor H-related protein 3 isoform 1
NCBI Official Synonym Full Names	complement factor H related 3
NCBI Official Symbol	CFHR3
NCBI Official Synonym Symbols	FHR3; HLF4; CFHL3; FHR-3; DOWN16
NCBI Protein Information	complement factor H-related protein 3
UniProt Protein Name	Complement factor H-related protein 3
UniProt Gene Name	CFHR3
UniProt Synonym Gene Names	CFHL3; FHR3; FHR-3
UniProt Entry Name	FHR3_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.