

Human complement factor H-related 3 ELISA Kit | CFHR3 elisa kit

Human Complement factor H-related protein 3, CFHR3 ELISA Kit

CATALOG #
AAA112686

REACTIVITY
Human

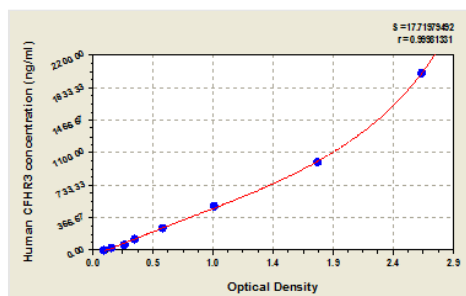
PRODUCT SYNONYMS

complement factor H-related 3; Human Complement factor H-related protein 3; CFHR3 ELISA Kit; Human Complement factor H-related protein 3 (CFHR3) ELISA kit; CFHL3; DOWN16; FHR-3; FHR3; HLF4; H factor-like 4; H factor-like protein 3; CFHR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CFHR3. No significant cross-reactivity or interference between human CFHR3 and analogues was observed.
Sequence Length	269
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 ng/ml-2000 ng/ml.
Sensitivity	The minimum detectable dose of human CFHR3 is typically less than 7.8 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay 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	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFHR3 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CFHR3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CFHR3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CFHR3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CFHR3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262231791
NCBI GeneID	10878
NCBI Accession #	NP_001160096.1
NCBI GenBank Nucleotide #	NM_001166624.1
UniProt Accession #	Q02985; Q9UJ16; B4DPR0
Molecular Weight	37,323 Da
NCBI Official Full Name	complement factor H-related protein 3 isoform 2
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; H factor-like 4; H factor-like 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.

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Online datasheet: <https://stage.aaabiotech.com/cfhr3-human-elisa-kits/complement-factor-h-related-3/112686>