

Human complement factor H-related 2 ELISA Kit | CFHR2 elisa kit

Human Complement factor H-related protein 2, CFHR2 ELISA Kit

CATALOG #
AAA112594

REACTIVITY
Human

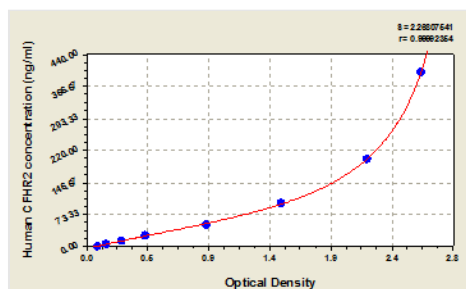
PRODUCT SYNONYMS

complement factor H-related 2; Human Complement factor H-related protein 2; CFHR2 ELISA Kit; Human Complement factor H-related protein 2 (CFHR2) ELISA kit; CFHL2; FHR2; HFL3; H factor (complement) -like 3; factor H-related gene 2; CFHR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CFHR2. No significant cross-reactivity or interference between human CFHR2 and analogues was observed.
Sequence Length	270
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 ng/ml -400 ng/ml.
Sensitivity	The minimum detectable dose of human CFHR2 is typically less than 1.56 pg/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 CFHR2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CFHR2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CFHR2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CFHR2 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 CFHR2 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 #	5031695
NCBI GeneID	3080
NCBI Accession #	NP_005657.1
NCBI GenBank Nucleotide #	NM_005666.2
UniProt Accession #	P36980; Q14310; Q5T9T1
Molecular Weight	30,651 Da
NCBI Official Full Name	complement factor H-related protein 2
NCBI Official Synonym Full Names	complement factor H-related 2
NCBI Official Symbol	CFHR2
NCBI Official Synonym Symbols	FHR2; HFL3; CFHL2
NCBI Protein Information	complement factor H-related protein 2; FHR-2; DDESK59; h factor-like 3; factor H-related gene 2; h factor-like protein 2; H factor (complement)-like 3
UniProt Protein Name	Complement factor H-related protein 2
UniProt Gene Name	CFHR2
UniProt Synonym Gene Names	CFHL2; FHR2; HFL3; FHR-2
UniProt Entry Name	FHR2_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/cfhr2-human-elisa-kits/complement-factor-h-related-2/112594>