

Rat Complement factor H-related protein 2 (CFHR2) ELISA Kit | CFHR2 elisa kit

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CATALOG #
AAA246325

REACTIVITY
Rat

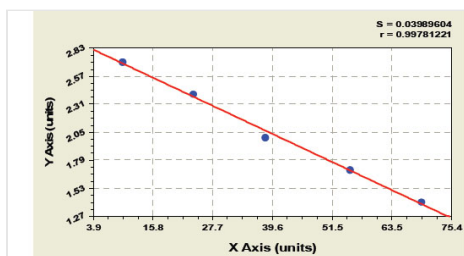
PRODUCT SYNONYMS

Complement factor H-related protein 2 (CFHR2); Rat Complement factor H-related protein 2 (CFHR2) ELISA Kit; CFHR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/ml
Intended Uses	This CFHR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CFHR2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFHR2 elisa kit

Principle of the assay: CFHR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CFHR2 antibody and an CFHR2-HRP conjugate. The assay sample and buffer are incubated together with CFHR2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CFHR2 concentration since CFHR2 from samples and CFHR2-HRP conjugate compete for the anti-CFHR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CFHR2 from the sample, fewer sites are left to bind CFHR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CFHR2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CFHR2 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031695
NCBI GeneID	3080
NCBI Accession #	NP_005657.1
NCBI GenBank Nucleotide #	NM_005666.2
Molecular Weight	27,897 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/rat-elisa-kits/complement-factor-h-related-protein-2-cfhr2/246325>