

Sheep Complement Factor H ELISA Kit | CFH elisa kit

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CATALOG #
AAA92470

REACTIVITY
Sheep

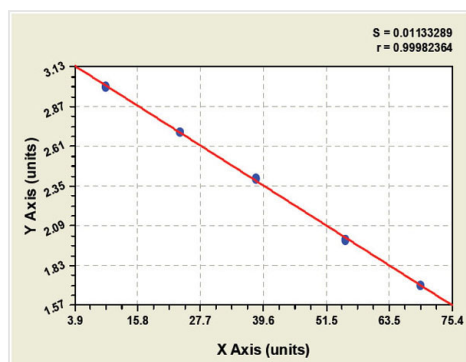
PRODUCT SYNONYMS

Complement Factor H; Sheep Complement Factor H ELISA Kit; CFH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This CFH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep CFH. 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 CFH elisa kit

Principle of the Assay: CFH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CFH antibody and an CFH-HRP conjugate. The assay sample and buffer are incubated together with CFH-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 CFH concentration since CFH from samples and CFH-HRP conjugate compete for the anti-CFH antibody binding site. Since the number of sites is limited, as more sites are occupied by CFH from the sample, fewer sites are left to bind CFH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CFH concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CFH elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	62739188
NCBI GeneID	3075
NCBI Accession #	NP_001014975.1
NCBI GenBank Nucleotide #	NM_001014975.2
Molecular Weight	51,034 Da
NCBI Official Full Name	complement factor H isoform b
NCBI Official Synonym Full Names	complement factor H
NCBI Official Symbol	CFH
NCBI Official Synonym Symbols	FH; HF; HF1; HF2; HUS; FHL1; AHUS1; AMBP1; ARMD4; ARMS1; CFHL3
NCBI Protein Information	complement factor H; beta-1H; factor H-like 1; beta-1-H-globulin; H factor 1 (complement); H factor 2 (complement); adrenomedullin binding protein; complement factor H, isoform b; age-related maculopathy susceptibility 1
UniProt Protein Name	Complement factor H
UniProt Gene Name	CFH
UniProt Synonym Gene Names	HF; HF1; HF2
UniProt Entry Name	CFAH_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/cfh-sheep-elisa-kits/complement-factor-h/92470>