

Bovine Complement Factor H ELISA Kit | CFH elisa kit

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CATALOG #
AAA88735

REACTIVITY
Bovine

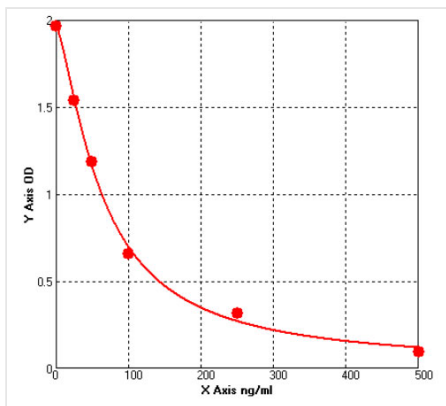
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of CFH. No significant cross-reactivity or interference between CFH and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CFH and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
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 polyclonal 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. Intended Uses: This CFH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CFH. This ELISA kit for research use only, not for therapeutic or test applications!
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-bovine-ovine-elisa-kits/complement-factor-h/88735>