

Human Complement Factor B ELISA Kit | CFB elisa kit

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CATALOG #
AAA16029

REACTIVITY
Human

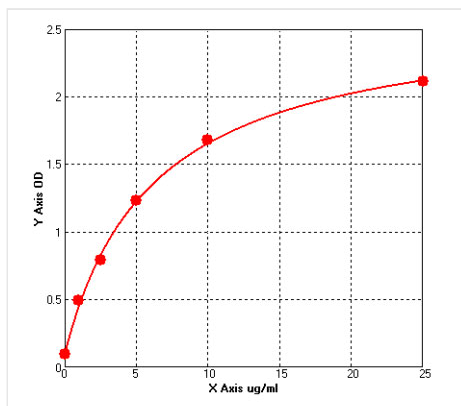
PRODUCT SYNONYMS

Complement Factor B; Human Complement Factor B ELISA Kit; CFB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CFB. No significant cross-reactivity or interference between CFB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CFB and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1ug/mL
Intended Uses	This CFB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CFB. 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 CFB elisa kit	Principle of the Assay: CFB ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CFB. Standards or samples are then added to the microtiter plate wells and CFB if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CFB present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CFB are added to each well to "sandwich" the CFB immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CFB and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CFB concentration in each sample is interpolated from this standard curve. Intended Uses: This CFB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CFB. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for CFB elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782358
NCBI GeneID	629
NCBI Accession #	NP_001701.2
NCBI GenBank Nucleotide #	NM_001710.5
Molecular Weight	68,872 Da
NCBI Official Full Name	complement factor B preproprotein
NCBI Official Synonym Full Names	complement factor B
NCBI Official Symbol	CFB
NCBI Official Synonym Symbols	BF; FB; BFD; GBG; CFAB; CFBD; PBF2; AHUS4; FBI12; H2-Bf; ARMD14
NCBI Protein Information	complement factor B; C3 proactivator; C3/C5 convertase; C3 proaccelerator; properdin factor B; B-factor, properdin; glycine-rich beta glycoprotein; glycine-rich beta-glycoprotein
UniProt Protein Name	Complement factor B
UniProt Gene Name	CFB
UniProt Synonym Gene Names	BF; BFD; GBG
UniProt Entry Name	CFAB_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.