

Mouse Factor B ELISA Kit | Factor B elisa kit

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CATALOG #
AAA84696

REACTIVITY
Mouse

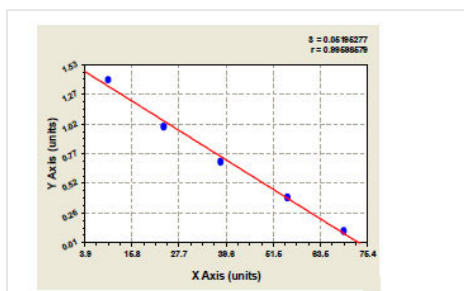
PRODUCT SYNONYMS

Factor B; Mouse Factor B ELISA Kit; Factor B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Factor B elisa kit

Intended Uses: This Factor B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Factor B. This ELISA kit for research use only!

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

Product Categories/Family for Factor B elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	13560705
NCBI GeneID	629
Molecular Weight	68,872 Da
NCBI Official Full Name	factor B
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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/factor-b/84696>