

Human factor B (BF) ELISA Kit | BF elisa kit

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CATALOG #
AAA93802

REACTIVITY
Human

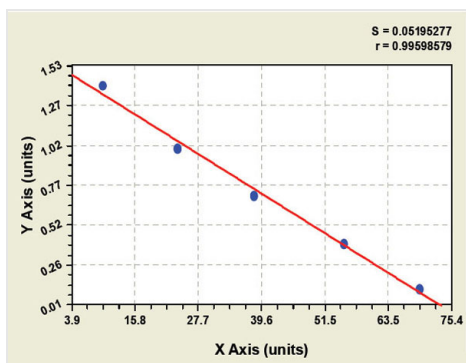
PRODUCT SYNONYMS

factor B (BF); Human factor B (BF) ELISA Kit; BF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 BF elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	192414
NCBI GeneID	14962
UniProt Accession #	P04186
Molecular Weight	85,004 Da
NCBI Official Full Name	factor B
NCBI Official Synonym Full Names	complement factor B
NCBI Official Symbol	Cfb
NCBI Official Synonym Symbols	B; Bf; C2; Fb; H2-Bf; AI195813; AI255840
NCBI Protein Information	complement factor B; Factor B; properdin; C3/C5 convertase; complement component 2 (within H-2S); alternative-complement pathway C3/C5 convertase; histocompatibility 2, complement component factor B
UniProt Protein Name	Complement factor B
UniProt Gene Name	Cfb
UniProt Synonym Gene Names	Bf; H2-Bf
UniProt Entry Name	CFAB_MOUSE

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/human-elisa-kits/factor-b-bf/93802>