

Rat factor B, BF ELISA Kit | BF elisa kit

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CATALOG #
AAA15205

REACTIVITY
Rat

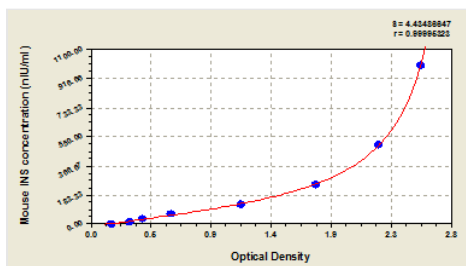
PRODUCT SYNONYMS

factor B; BF; Rat factor B; BF ELISA Kit; BF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat BF. No significant cross-reactivity or interference between rat BF and analogues was observed.
Sequence Length	621
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	1.56 ng/ml -100 ng/ml.
Sensitivity	The minimum detectable dose of rat BF is typically less than 0.39 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BF elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13560705
NCBI GeneID	629
UniProt Accession #	P00751; O15006; Q29944; Q53F89; Q5JP67; Q5ST50; Q96HX6; Q9BTF5; Q9BX92; B0QZQ6
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/rat-elisa-kits/factor-b-bf/15205>