

Rat Complement Factor B (CFB) ELISA Kit | CFB elisa kit

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CATALOG #
AAA66002

REACTIVITY
Rat

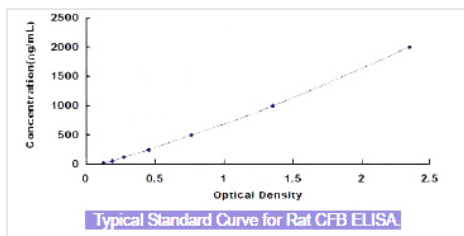
PRODUCT SYNONYMS

Complement Factor B (CFB); Rat Complement Factor B (CFB) ELISA Kit; CF-B; BF; BFD; CFAB; GBG; H2-Bf; PBF2; B-Factor; Properdin; Properdin factor B; C3/C5 convertase; Glycine-rich beta glycoprotein; CFB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Sequence Length	763
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000ng/mL
Sensitivity	8.8ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CFB were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CFB were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFB elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CFB in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CFB. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CFB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CFB, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CFB in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218156285
NCBI GeneID	294257
NCBI Accession #	NP_997631.2
NCBI GenBank Nucleotide #	NM_212466.3
UniProt Accession #	Q6MG74
Molecular Weight	85,121 Da
NCBI Official Full Name	complement factor B
NCBI Official Synonym Full Names	complement factor B
NCBI Official Symbol	Cfb
NCBI Official Synonym Symbols	Bf; Da1-24
NCBI Protein Information	complement factor B
UniProt Protein Name	B-factor, properdin
UniProt Gene Name	Cfb

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.