

Mouse complement factor I ELISA Kit | CFI elisa kit

Mouse Complement factor I, CFI ELISA Kit

CATALOG #
AAA112912

REACTIVITY
Mouse

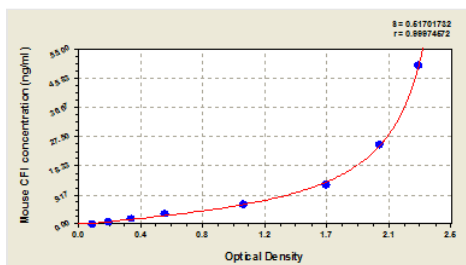
PRODUCT SYNONYMS

complement factor I; Mouse Complement factor I; CFI ELISA Kit; Mouse Complement factor I (CFI) ELISA kit; AHUS3; C3BINA; C3b-INA; FI; IF; KAF; C3B/C4B inactivator; C3b-inactivator; Konglutinogen-activating factor; complement component I; complement control protein factor I; complement factor I heavy chain; li; CFI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CFI. No significant cross-reactivity or interference between Mouse CFI and analogues was observed.
Sequence Length	603
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	0.195 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Complement
Protein Biological Process 3	Complement pathway
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 CFI elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CFI has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CFI present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CFI 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 CFI 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 #	110347406
NCBI GeneID	12630
NCBI Accession #	NP_031712.2
NCBI GenBank Nucleotide #	NM_007686.2
UniProt Accession #	Q61129; Q9WU07; B2RWX8
Molecular Weight	67,261 Da
NCBI Official Full Name	complement factor I
NCBI Official Synonym Full Names	complement component factor i
NCBI Official Symbol	Cfi
NCBI Protein Information	complement factor I; C3B/C4B inactivator
UniProt Protein Name	Complement factor I
UniProt Gene Name	Cfi
UniProt Synonym Gene Names	If
UniProt Entry Name	CFAI_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cfi-mouse-elisa-kits/complement-factor-i/112912>