

Mouse Complement Factor I (CFI) ELISA Kit | CFI elisa kit

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CATALOG #
AAA41169

REACTIVITY
Mouse

PRODUCT SYNONYMS

Complement Factor I (CFI); Mouse Complement Factor I (CFI) ELISA Kit; CFI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	603
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml - 600ng/ml
Sensitivity	1.05ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFI elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Complement Factor I (also known as CFI) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CFI antibody. CFI present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CFI Antibody is added and binds to CFI in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CFI antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse CFI. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110347406
NCBI GeneID	12630
NCBI Accession #	NP_031712.2
NCBI GenBank Nucleotide #	NM_007686.3
UniProt Accession #	Q61129; Q9WU07; B2RWX8
Molecular Weight	67,261 Da
NCBI Official Full Name	complement factor I isoform 1 preproprotein
NCBI Official Synonym Full Names	complement component factor i
NCBI Official Symbol	Cfi
NCBI Protein Information	complement factor I
UniProt Protein Name	Complement factor I
UniProt Gene Name	Cfi
UniProt Synonym Gene Names	If

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/complement-factor-i-cfi/41169>