

Monkey CFI ELISA Kit | CFI elisa kit

Monkey CFI (Complement Factor I) ELISA Kit

CATALOG #
AAA164561

REACTIVITY
Monkey

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This kit recognizes Monkey CFI in samples. No significant cross-reactivity or interference between Monkey CFI and analogues was observed.
Sequence Length	583
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	2.34-150ng/mL
Sensitivity	1.41ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Monkey CFI were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Monkey CFI were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for CFI elisa kit

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Monkey CFI. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Monkey CFI and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Monkey CFI, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Monkey CFI. You can calculate the concentration of Monkey CFI in the samples by comparing the OD of the samples to the standard curve.

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Monkey CFI concentrations in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119392081
NCBI GeneID	3426
NCBI Accession #	NP_000195.2

NCBI GenBank Nucleotide #	NM_000204.3
UniProt Accession #	P05156; O60442
Molecular Weight	65,750 Da
NCBI Official Full Name	complement factor I preproprotein
NCBI Official Synonym Full Names	complement factor I
NCBI Official Symbol	CFI
NCBI Official Synonym Symbols	FI; IF; KAF; AHUS3; ARMD13; C3BINA; C3b-INA
NCBI Protein Information	complement factor I; C3B/C4B inactivator; C3b-inactivator; Konglutinogen-activating factor; complement component I; complement control protein factor I; complement factor I heavy chain; light chain of factor I
UniProt Protein Name	Complement factor I
UniProt Gene Name	CFI
UniProt Synonym Gene Names	IF
UniProt Entry Name	CFAI_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://www.aaabiotech.com/monkey-elisa-kits/cfi/164561>