

Mouse Complement Factor D (CFD) ELISA Kit | CFD elisa kit

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CATALOG #
AAA65278

REACTIVITY
Mouse

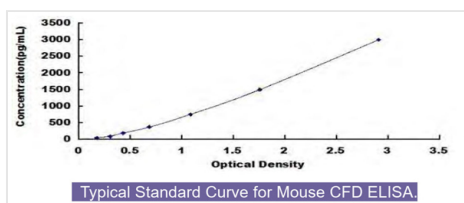
PRODUCT SYNONYMS

Complement Factor D (CFD); Mouse Complement Factor D (CFD) ELISA Kit; CF-D; DF; PFD; ADN; Adipsin; Properdin Factor D; C3 convertase activator; CFD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CFD. No significant cross-reactivity or interference between CFD and analogues was observed.
Sequence Length	258
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	46.8-3000pg/mL
Sensitivity	< 15.55pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CFD 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 CFD 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 CFD elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CFD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CFD. 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 CFD, 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 CFD in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CFD in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	632794820
NCBI GeneID	11537
NCBI Accession #	NP_001278844.1
NCBI GenBank Nucleotide #	NM_001291915.2
UniProt Accession #	P03953; Q61280
Molecular Weight	27,986 Da
NCBI Official Full Name	complement factor D isoform 2 preproprotein
NCBI Official Synonym Full Names	complement factor D (adipsin)
NCBI Official Symbol	Cfd
NCBI Official Synonym Symbols	DF; Adn
NCBI Protein Information	complement factor D
UniProt Protein Name	Complement factor D
UniProt Gene Name	Cfd
UniProt Synonym Gene Names	Adn; Df

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-d-cfd/65278>