

Human Complement factor D ELISA Kit | CFD elisa kit

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CATALOG #
AAA56808

REACTIVITY
Human

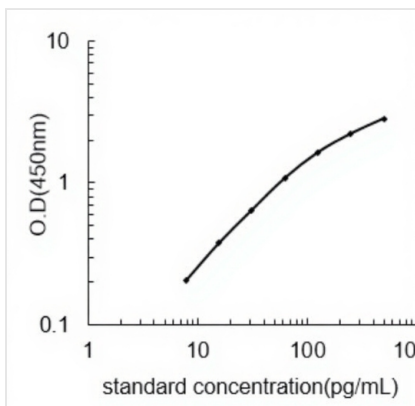
PRODUCT SYNONYMS

Complement factor D; Human Complement factor D ELISA Kit; Adipsin; C3 convertase activator; Properdin factor D; CFD; DF; PFD; 3.4.21.46; CFD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Complement factor D
Sequence Length	253
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	7.8-500 pg/mL
Sensitivity	< 3.9 pg/mL
Intra-assay Precision	<=3.8%
Inter-assay Precision	<=7.5%
Preparation and Storage	For long term storage, please store the entire kit 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 target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42544239
NCBI GeneID	1675
NCBI Accession #	NP_001919.2
NCBI GenBank Nucleotide #	NM_001928.3
UniProt Accession #	P00746; Q5U5S1; Q86VJ5; Q8N4E0; Q8WZB4; B4DV76
Molecular Weight	27,033 Da
NCBI Official Full Name	complement factor D isoform 1 preproprotein
NCBI Official Synonym Full Names	complement factor D (adipsin)
NCBI Official Symbol	CFD
NCBI Official Synonym Symbols	DF; ADN; PFD; ADIPSIN
NCBI Protein Information	complement factor D
UniProt Protein Name	Complement factor D
UniProt Gene Name	CFD
UniProt Synonym Gene Names	DF; PFD
UniProt Entry Name	CFAD_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cfd-human-elisa-kits/complement-factor-d/56808>