

Rat CFD ELISA Kit | CFD elisa kit

Rat CFD (Complement Factor D) ELISA Kit

CATALOG #
AAA166045

REACTIVITY
Rat

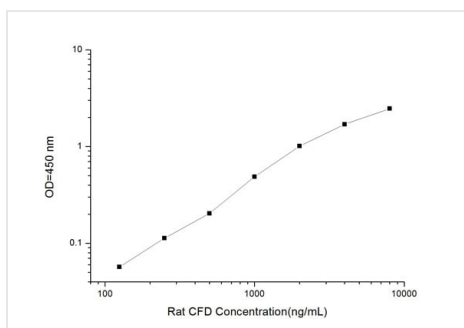
PRODUCT SYNONYMS

CFD; Rat CFD (Complement Factor D) ELISA Kit; CFD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat CFD. No significant cross-reactivity or interference between Rat CFD and analogues was observed.
Sequence Length	253
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	125-8000ng/mL
Sensitivity	Min: 75ng/mL; Max: 8000ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat CFD concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFD elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CFD. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CFD and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CFD, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CFD. You can calculate the concentration of CFD in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42544239
NCBI GeneID	1675
NCBI Accession #	NP_001919.2
NCBI GenBank Nucleotide #	NM_001928.2
Molecular Weight	27,033 Da
NCBI Official Full Name	complement factor D 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; C3 convertase activator; D component of complement (adipsin); complement factor D preproprotein; properdin 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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/cfd/166045>