

Human Adipsin ELISA Kit | CFD elisa kit

Human Adipsin ELISA Kit

CATALOG # AAA17866	REACTIVITY Human	APPLICATIONS ELISA
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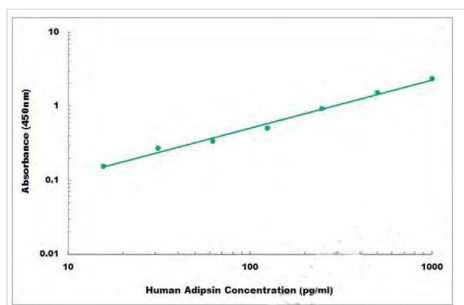
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Adipsin ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Adipsin proteins within the range of 15.6 pg/ml - 1000 pg/ml pg/ml.
Sequence Length	253
Samples	Culture Supernatants, Serum, Plasma, Urine
Sensitivity	< 7 pg/ml
Applicable Applications for CFD elisa kit	ELISA (Sandwich ELISA)
Detection Method	Colorimetric
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFD elisa kit	Background: Complement factor D (CFD), also called ADIPSIN or FACTOR D, is a protein which in humans is encoded by the CFD gene. The protein encoded by this gene belongs to the trypsin family of peptidases. It is mapped to 19p13.3. The encoded protein is a component of the alternative complement pathway which is best known for its role in humoral suppression of infectious agents. This protein is also a serine protease that is secreted by adipocytes into the bloodstream. Finally, the encoded protein has a high level of expression in fat, suggesting a role for adipose tissue in immune system biology. What's more, Factor D is a serine protease that stimulates glucose transport for triglyceride accumulation in fats cells and inhibits lipolysis. Principle of the Assay: The Human Adipsin ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Adipsin in Cell Culture Supernatants, Serum, Plasma, Urine. This assay employs an antibody specific for Human Adipsin coated on a 96-well plate. Standards and samples are pipetted into the wells and Adipsin present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Adipsin antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Adipsin bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.
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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
UniProt Accession #	P00746; Q5U5S1; Q86VJ5; Q8N4E0; Q8WZB4; B4DV76
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; properdin factor D; C3 convertase activator; complement factor D preproprotein; D component of complement (adipsin)
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/cfd-human-elisa-kits/adipsin/17866>