

Human CFD AccuSignal ELISA Kit - KOA0696

Code: KOA0696

Size: 1 Kit

Product Description: Human CFD AccuSignal ELISA Kit - KOA0696

PhysicalState:

Label	Unconjugated
Gene Name	CFD
Species Reactivity	Human
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	Adipsin, ADN, C3 convertase activator, CFAD_HUMAN, CFD, Complement factor D, Complement factor D preproprotein, D component of complement, DF, PFD, Properdin factor D
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 20,000pg/ml, 10,000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml human CFD standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum, plasma (heparin, EDTA) or urine to each empty well. We recommend that each human CFD standard solution and each sample is measured in duplicate.
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.
Purity And Specificity	Natural and recombinant human CFD . There is no detectable cross-reactivity with other relevant proteins.
ELISA	312pg/ml-20,000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: NSO; Immunogen sequence: I26-A253
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - P00746

<http://www.uniprot.org/uniprot/P00746>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_001304264.1

GeneID - 1675

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=1675>

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