Datasheet for ABIN6720317

Adipsin ELISA Kit

Go to Product page

Overview

Quantity:	1 kit
Target:	Adipsin (CFD)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	312 pg/mL - 20000 pg/mL
Minimum Detection Limit:	312 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	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 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

Product Details

	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. Gene Name: CFD Production: Natural and recombinant human CFD . There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: NSO, Immunogen sequence: I26-A253

Target Details

Target:	Adipsin (CFD)
Alternative Name:	CFD (CFD Products)
Gene ID:	1675
NCBI Accession:	NP_001304264
UniProt:	P00746
Pathways:	Complement System

Application Details

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL 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 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL 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. Blood Product Anticoagulant: Heparin Sodium ELISA Dilution: 312pg/mL-20,000pg/mL
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT,4 °C,-20 °C

Handling

Storage Comment:	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.