Human CFD Antibody Pair Set

Catalog No. E-KAB-0410 **Applications** ELISA
Synonyms ADN;Adipsin;DF;PFD;Factor D;Properdin Factor D Esterase

Kit components & Storage

Title	Specifications	Storage
Human CFD Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human CFD Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

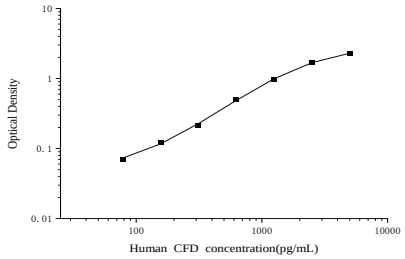
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0410)	
		Human CFD Capture Antibody	Human CFD Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human CFD protien	Recombinant Human CFD protien
	Swissprot	P00746	
Product details	Reactivity	Human	Human
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human CFD in ELISAs.	

Applications

Human CFD Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human CFD Capture Antibody	
ELISA Detection	1:1000-1:10000	Human CFD Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

This gene encodes a member of the S1 , or chymotrypsin , family of serine peptidases. This protease catalyzes the cleavage of factor B , the rate-limiting step of the alternative pathway of complement activation. This protein also functions as an adipokine , a cell signaling protein secreted by adipocytes , which regulates insulin secretion in mice. Mutations in this gene underlie complement factor D deficiency , which is associated with recurrent bacterial meningitis infections in human patients. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature protease.