Human CFH Antibody Pair Set

Catalog No.	E-KAB-0181	**Applications**	ELISA
Synonyms	CF-H, AHUS1, AMBP1, FH, FHL1, ARMD4, ARMS1, CFHL3, HF, HF1, HF2, HUS		

Kit components & Storage

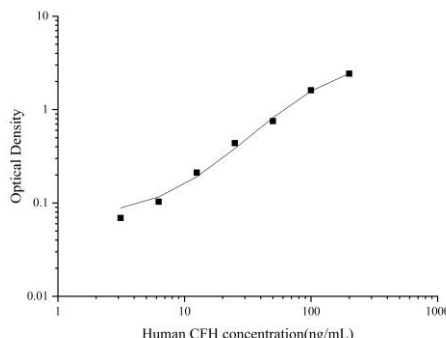| Title	Specifications	Storage
Human CFH Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Human CFH Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze / thaw cycles.

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

Product Information

Items		Characteristic (E-KAB-0181)	
		Human CFH Capture Antibody	Human CFH Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human CFH protein	Recombinant Human CFH protein
	Swissprot	P08603	
Product details	Reactivity	Human	Human
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human CFH in ELISAs.	

For Research Use Only

Applications

Human CFH Sandwich ELISA Assay:

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

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

Background

This gene is a member of the Regulator of Complement Activation (RCA) gene cluster and encodes a protein with twenty short consensus repeat (SCR) domains. This protein is secreted into the bloodstream and has an essential role in the regulation of complement activation, restricting this innate defense mechanism to microbial infections. Mutations in this gene have been associated with hemolytic-uremic syndrome (HUS) and chronic hypocomplementemic nephropathy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.