

ARG83250 Human CFHR1 ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83250 Human CFHR1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CFHR1 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CFHR1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	25 pg/ml
Detection Range	312 pg/ml - 20,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 6.4% Inter-Assay CV: 5.9%
Alternate Names	CFHR1; Complement Factor H Related 1; FHR1; CFHL; CFHL1P; CFHR1P; H36-1; H36-2; CFHL1; HFL1; HFL2; Complement Factor H-Related 1 Pseudogene; Complement Factor H-Related Protein 1; H Factor (Complement)-Like 1; H Factor (Complement)-Like 2; H Factor-Like Protein 1; H-Factor-Like 1; FHL-1; FHR-1; H36; Complement Factor H-Related 1

Application Instructions

Assay Time	~ 5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

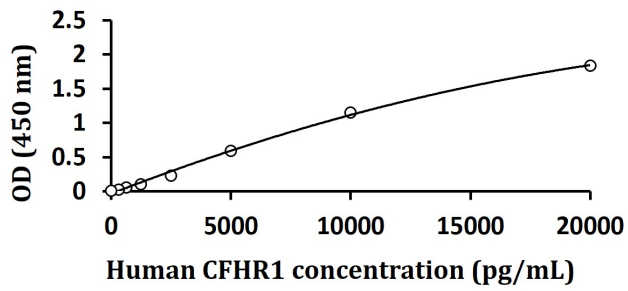
Bioinformation

Gene Symbol	CFHR1
Gene Full Name	Complement Factor H Related 1
Background	This gene encodes a secreted protein belonging to the complement factor H protein family. It binds to <i>Pseudomonas aeruginosa</i> elongation factor Tuf together with plasminogen, which is proteolytically activated. It is proposed that Tuf acts as a virulence factor by acquiring host proteins to the pathogen surface, controlling complement, and facilitating tissue invasion. Mutations in this gene are associated

with an increased risk of atypical hemolytic-uremic syndrome.

Function	Involved in complement regulation. The dimerized forms have avidity for tissue-bound complement fragments and efficiently compete with the physiological complement inhibitor CFH. Can associate with lipoproteins and may play a role in lipid metabolism.
PTM	Disulfide bond, Glycoprotein
Cellular Localization	Secreted

Images



ARG83250 Human CFHR1 ELISA Kit standard curve image

ARG83250 Human CFHR1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.
