

## ARG83251 Human CFHR4 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG83251 Human CFHR4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CFHR4 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	CFHR4
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: 4.4% Inter-Assay CV: 4.5%
Alternate Names	CFHR4; Complement Factor H Related 4; FHR-4; FHR4; CFHL4; Complement Factor H-Related Protein 4; Complement Factor H-Related 4

### 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

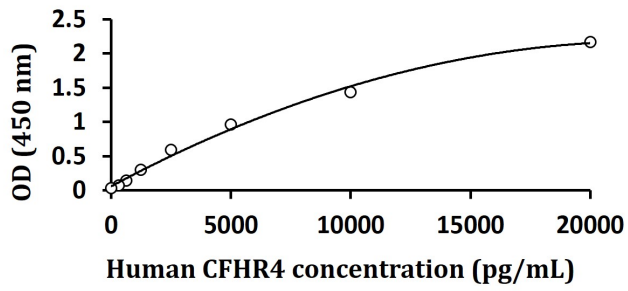
Gene Symbol	CFHR4
Gene Full Name	Complement Factor H Related 4
Background	This gene is a member of the complement factor H (CFH) gene family, and encodes one of the 5 CFH-related (CFHR) proteins. These 5 genes are closely linked to the CFH gene on chromosome 1q31-q32. The CFHRs are secreted plasma proteins synthesized primarily by the hepatocytes, and composed of highly-related short consensus repeats (SCRs). This protein enhances the cofactor activity of CFH, and is involved in complement regulation. It can associate with lipoproteins and may play a role in lipid metabolism. Alternatively spliced transcript variants encoding different isoforms (varying in the number

of SCRs) have been described for this gene.

Function	Involved in complement regulation. Can associate with lipoproteins and may play a role in lipid metabolism.
PTM	Disulfide bond, Glycoprotein
Cellular Localization	Secreted

## Images

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ARG83251 Human CFHR4 ELISA Kit standard curve image

ARG83251 Human CFHR4 ELISA Kit results of a typical standard run with optical density reading at 450 nm.

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