

## Human CFHR2 (Complement factor H-related protein 2) ELISA Kit | CFHR2 elisa kit

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CATALOG #  
**AAA248287**

REACTIVITY  
**Human**

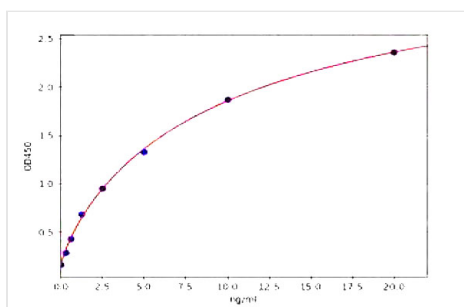
### PRODUCT SYNONYMS

CFHR2 (Complement factor H-related protein 2); Human CFHR2 (Complement factor H-related protein 2) ELISA Kit; CFHR2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Specificity             | Specifically recognize CFHR2, no obvious cross reaction with other analogues                                                                                 |
| Sequence Length         | 243                                                                                                                                                          |
| Assay Type              | Sandwich                                                                                                                                                     |
| Samples                 | Serum, plasma, cell culture supernatant and other biological samples                                                                                         |
| Detection Range         | 0.313-20ng/ml                                                                                                                                                |
| Sensitivity             | 0.188ng/ml                                                                                                                                                   |
| Intra-assay Precision   | Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.                                                    |
| Inter-assay Precision   | Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.                                        |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CFHR2 elisa kit | <p>Background: Complement Factor H-related 2 (CFHR2) is synthesized in the liver and secreted into plasma. It can be associated with lipoproteins and may play a role in lipid metabolism. Diseases associated with CFHR2 include C3 Glomerulopathy and Degeneration Of Macula And Posterior Pole. Among its related pathways are Complement cascade and Innate Immune System.</p> <p>Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti CFHR2 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti CFHR2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with CFHR2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of CFHR2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.</p> |
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NCBI AND UNIPROT INFORMATION

|                            |                                       |
|----------------------------|---------------------------------------|
| NCBI GI #                  | 1064908                               |
| UniProt Accession #        | P36980; Q14310; Q5T9T1                |
| Molecular Weight           | 27,897 Da                             |
| NCBI Official Full Name    | complement Factor H-related Protein 2 |
| UniProt Protein Name       | Complement factor H-related protein 2 |
| UniProt Gene Name          | CFHR2                                 |
| UniProt Synonym Gene Names | CFHL2; FHR2; HFL3; FHR-2              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cfhr2-complement-factor-h-related-protein-2/248287>