

## Human complement factor H-related 1 ELISA Kit | CFHR1 elisa kit

Human Complement factor H-related protein 1, CFHR1 ELISA Kit

CATALOG #  
**AAA112517**

REACTIVITY  
**Human**

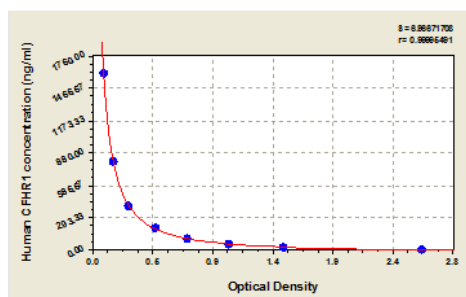
### PRODUCT SYNONYMS

complement factor H-related 1; Human Complement factor H-related protein 1; CFHR1 ELISA Kit; Human Complement factor H-related protein 1 (CFHR1) ELISA kit; CFHL; CFHL1; CFHL1P; CFHR1P; FHR1; H36-1; H36-2; HFL1; HFL2; MGC104329; H factor (complement) -like 1; H factor (complement) -like 2; complement factor H-related 1 pseudogene; CFHR1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human CFHR1. No significant cross-reactivity or interference between human CFHR1 and analogues was observed. |
| Sequence Length         | 330                                                                                                                                                                                     |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                       |
| Assay Type              | Quantitative Competitive                                                                                                                                                                |
| Detection Range         | 25 ng/ml-1600 ng/ml                                                                                                                                                                     |
| Sensitivity             | < 12.5 ng/ml                                                                                                                                                                            |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                        |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                                 |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                       |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CFHR1 elisa kit | Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been precoated with CFHR1. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for CFHR1. The competitive inhibition reaction is launched between with pre-coated CFHR1 and CFHR1 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of CFHR1 in the sample. The color development is stopped and the intensity of the color is measured. |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 118442839                                                                                                                                                                                         |
| NCBI GeneID                      | 3078                                                                                                                                                                                              |
| NCBI Accession #                 | NP_002104.2                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_002113.2                                                                                                                                                                                       |
| UniProt Accession #              | Q03591; Q3B774; Q9UJ17; A8K465                                                                                                                                                                    |
| Molecular Weight                 | 37,651 Da                                                                                                                                                                                         |
| NCBI Official Full Name          | complement factor H-related protein 1                                                                                                                                                             |
| NCBI Official Synonym Full Names | complement factor H-related 1                                                                                                                                                                     |
| NCBI Official Symbol             | CFHR1                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | CFHL; FHR1; HFL1; HFL2; CFHL1; H36-1; H36-2; CFHL1P; CFHR1P                                                                                                                                       |
| NCBI Protein Information         | complement factor H-related protein 1; H36; FHR-1; H-factor-like 1; h factor-like protein 1; H factor (complement)-like 1; H factor (complement)-like 2; complement factor H-related 1 pseudogene |
| UniProt Protein Name             | Complement factor H-related protein 1                                                                                                                                                             |
| UniProt Gene Name                | CFHR1                                                                                                                                                                                             |
| UniProt Synonym Gene Names       | CFHL; CFHL1; CFHL1P; CFHR1P; FHR1; HFL1; HFL2; FHR-1; H-factor-like 1                                                                                                                             |
| UniProt Entry Name               | FHR1_HUMAN                                                                                                                                                                                        |

**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/cfhr1-human-elisa-kits/complement-factor-h-related-1/112517>