

## Porcine Complement factor H-related protein 4 (CFHR4) ELISA Kit | CFHR4 elisa kit

Porcine Complement factor H-related protein 4 (CFHR4) ELISA Kit

CATALOG #  
**AAA246252**

REACTIVITY  
**Porcine**

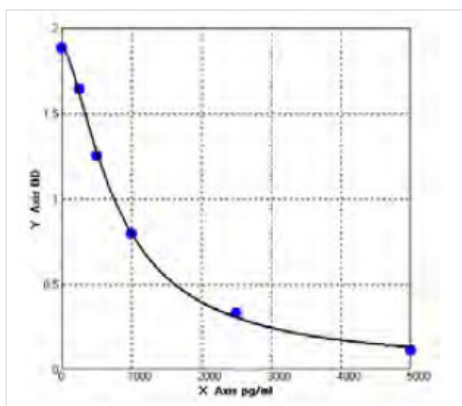
### PRODUCT SYNONYMS

Complement factor H-related protein 4 (CFHR4); Porcine Complement factor H-related protein 4 (CFHR4) ELISA Kit; CFHR4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of CFHR4. No significant cross-reactivity or interference between CFHR4 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CFHR4 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CFHR4 elisa kit | <p>Intended Uses: This CFHR4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CFHR4. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: CFHR4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CFHR4 antibody and an CFHR4-HRP conjugate. The assay sample and buffer are incubated together with CFHR4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CFHR4 concentration since CFHR4 from samples and CFHR4-HRP conjugate compete for the anti-CFHR4 antibody binding site. Since the number of sites is limited, as more sites are occupied by CFHR4 from the sample, fewer sites are left to bind CFHR4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CFHR4 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for CFHR4 elisa kit   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 320089550                                       |
| NCBI GeneID                      | 10877                                           |
| NCBI Accession #                 | NP_001188480.1                                  |
| NCBI GenBank Nucleotide #        | NM_001201551.1                                  |
| Molecular Weight                 | 37,299 Da                                       |
| NCBI Official Full Name          | complement factor H-related protein 4 isoform 2 |
| NCBI Official Synonym Full Names | complement factor H-related 4                   |
| NCBI Official Symbol             | CFHR4                                           |
| NCBI Official Synonym Symbols    | FHR4; CFHL4; FHR-4                              |
| NCBI Protein Information         | complement factor H-related protein 4           |
| UniProt Protein Name             | Complement factor H-related protein 4           |
| UniProt Gene Name                | CFHR4                                           |
| UniProt Synonym Gene Names       | CFHL4; FHR4; FHR-4                              |
| UniProt Entry Name               | FHR4_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://www.aaabiotech.com/porcine-elisa-kits/complement-factor-h-related-protein-4-cfhr4/246252>