

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

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CATALOG #
AAA246252

REACTIVITY
Porcine

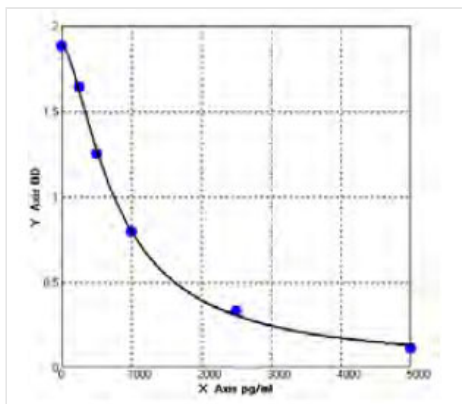
PRODUCT SYNONYMS

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	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! 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.
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://stage.aaabiotech.com/porcine-elisa-kits/complement-factor-h-related-protein-4-cfhr4/246252>