

Porcine Complement fragment 4a ELISA Kit | C4a elisa kit

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CATALOG #
AAA93957

REACTIVITY
Porcine

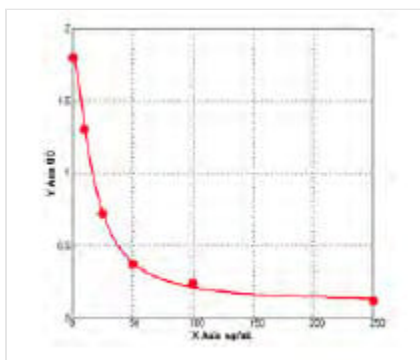
PRODUCT SYNONYMS

Complement fragment 4a; Porcine Complement fragment 4a ELISA Kit; C4a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample C)

ADDITIONAL INFORMATION

Related Product Information for C4a elisa kit	Intended Uses: This C3NeF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken C3NeF. This ELISA kit for research use only! Principle of the Assay: C3NeF ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-C3NeF antibody and an C3NeF-HRP conjugate. The assay sample and buffer are incubated together with C3NeF-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 C3NeF concentration since C3NeF from samples and C3NeF-HRP conjugate compete for the anti-C3NeF antibody binding site. Since the number of sites is limited, as more sites are occupied by C3NeF from the sample, fewer sites are left to bind C3NeF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C3NeF concentration in each sample is interpolated from this standard curve.
Product Categories/Family for C4a elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	67190748
NCBI GeneID	720
NCBI Accession #	NP_009224.2
NCBI GenBank Nucleotide #	NM_007293.2
Molecular Weight	187,704 Da
NCBI Official Full Name	complement C4-A isoform 1 preproprotein
NCBI Official Synonym Full Names	complement component 4A (Rodgers blood group)
NCBI Official Symbol	C4A
NCBI Official Synonym Symbols	C4; RG; C4S; CO4; C4A2; C4A3; C4A4; C4A6; C4AD; CPAMD2
NCBI Protein Information	complement C4-A; acidic C4; C4A anaphylatoxin; Rodgers form of C4; acidic complement C4; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 2
UniProt Protein Name	Complement C4-A
UniProt Gene Name	C4A
UniProt Synonym Gene Names	CO4; CPAMD2
UniProt Entry Name	CO4A_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/c4a-porcine-elisa-kits/complement-fragment-4a/93957>