

Porcine Complement C1q subcomponent subunit C (C1QC) ELISA Kit | C1QC elisa kit

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CATALOG #
AAA244450

REACTIVITY
Porcine

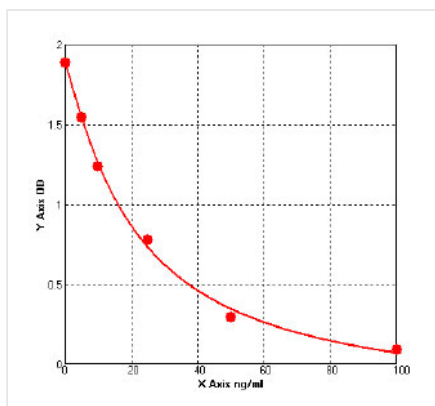
PRODUCT SYNONYMS

Complement C1q subcomponent subunit C (C1QC); Porcine Complement C1q subcomponent subunit C (C1QC) ELISA Kit; C1QC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of C1QC. No significant cross-reactivity or interference between C1QC and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C1QC and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1QC elisa kit	Principle of the Assay: C1QC ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-C1QC antibody and an C1QC-HRP conjugate. The assay sample and buffer are incubated together with C1QC-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 C1QC concentration since C1QC from samples and C1QC-HRP conjugate compete for the anti-C1QC antibody binding site. Since the number of sites is limited, as more sites are occupied by C1QC from the sample, fewer sites are left to bind C1QC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1QC concentration in each sample is interpolated from this standard curve. Intended Uses: This C1QC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine C1QC. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for C1QC elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	56786155
NCBI GeneID	714
NCBI Accession #	NP_758957.2
NCBI GenBank Nucleotide #	NM_172369.3
Molecular Weight	25,774 Da
NCBI Official Full Name	complement C1q subcomponent subunit C
NCBI Official Synonym Full Names	complement component 1, q subcomponent, C chain
NCBI Official Symbol	C1QC
NCBI Official Synonym Symbols	C1QG; C1Q-C
NCBI Protein Information	complement C1q subcomponent subunit C; complement component 1, q subcomponent, gamma polypeptide
UniProt Protein Name	Complement C1q subcomponent subunit C
UniProt Gene Name	C1QC
UniProt Synonym Gene Names	C1QG
UniProt Entry Name	C1QC_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-c1q-subcomponent-subunit-c-c1qc/244450>