

Bovine Anti-Complement 1q Antibody ELISA Kit | C1q elisa kit

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CATALOG #
AAA91544

REACTIVITY
Bovine

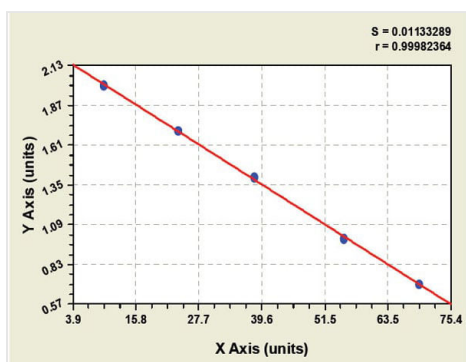
PRODUCT SYNONYMS

Anti-Complement 1q Antibody; Bovine Anti-Complement 1q Antibody ELISA Kit; C1q elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 C1q elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This ANTI-C1Q ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ANTI-C1Q. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY ANTI-C1Q ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANTI-C1Q antibody and an ANTI-C1Q-HRP conjugate. The assay sample and buffer are incubated together with ANTI-C1Q-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 ANTI-C1Q concentration since ANTI-C1Q from samples and ANTI-C1Q-HRP conjugate compete for the anti-ANTI-C1Q antibody binding site. Since the number of sites is limited, as more sites are occupied by ANTI-C1Q from the sample, fewer sites are left to bind ANTI-C1Q-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANTI-C1Q concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14149712
NCBI GeneID	114902
NCBI Accession #	NP_056460.1
NCBI GenBank Nucleotide #	NM_015645.4
Molecular Weight	25,298 Da
NCBI Official Full Name	complement C1q tumor necrosis factor-related protein 5
NCBI Official Synonym Full Names	C1q and tumor necrosis factor related protein 5
NCBI Official Symbol	C1QTNF5
NCBI Official Synonym Symbols	CTRP5
NCBI Protein Information	complement C1q tumor necrosis factor-related protein 5; myonectin; C1q TNF-alpha-related protein 5
UniProt Protein Name	Complement C1q tumor necrosis factor-related protein 5
UniProt Gene Name	C1QTNF5
UniProt Synonym Gene Names	CTRP5; UNQ303/PRO344
UniProt Entry Name	C1QT5_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/c1q-bovine-ovine-elisa-kits/anti-complement-1q-antibody/91544>