

Sheep Complement component 1 Q subcomponent-binding protein, mitochondrial (C1QBP) ELISA Kit | C1QBP elisa kit

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CATALOG #
AAA246648

REACTIVITY
Sheep

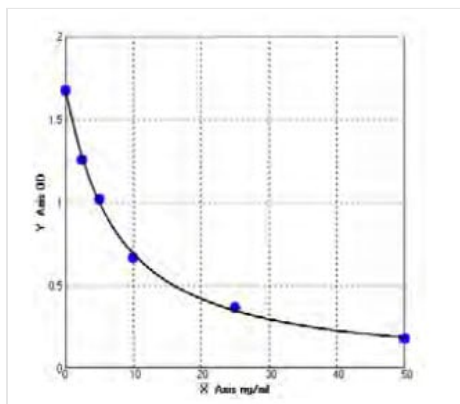
PRODUCT SYNONYMS

Complement component 1 Q subcomponent-binding protein; mitochondrial (C1QBP); Sheep Complement component 1 Q subcomponent-binding protein; mitochondrial (C1QBP) ELISA Kit; C1QBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of C1QBP. No significant cross-reactivity or interference between C1QBP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C1QBP 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	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1QBP elisa kit	Principle of the Assay: C1QBP ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-C1QBP antibody and an C1QBP-HRP conjugate. The assay sample and buffer are incubated together with C1QBP-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 C1QBP concentration since C1QBP from samples and C1QBP-HRP conjugate compete for the anti-C1QBP antibody binding site. Since the number of sites is limited, as more sites are occupied by C1QBP from the sample, fewer sites are left to bind C1QBP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1QBP concentration in each sample is interpolated from this standard curve. Intended Uses: This C1QBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep C1QBP. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for C1QBP elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502491
NCBI GeneID	708
NCBI Accession #	NP_001203.1
NCBI GenBank Nucleotide #	NM_001212.3
Molecular Weight	31,362 Da
NCBI Official Full Name	complement component 1 Q subcomponent-binding protein, mitochondrial
NCBI Official Synonym Full Names	complement component 1, q subcomponent binding protein
NCBI Official Symbol	C1QBP
NCBI Official Synonym Symbols	p32; HABP1; gC1qR; GC1QBP; SF2p32; gC1Q-R
NCBI Protein Information	complement component 1 Q subcomponent-binding protein, mitochondrial; p33; glycoprotein gC1qBP; hyaluronan-binding protein 1; ASF/SF2-associated protein p32; mitochondrial matrix protein p32; C1q globular domain-binding protein; splicing factor SF2-associated protein
UniProt Protein Name	Complement component 1 Q subcomponent-binding protein, mitochondrial
UniProt Gene Name	C1QBP
UniProt Synonym Gene Names	GC1QBP; HABP1; SF2P32; C1qBP
UniProt Entry Name	C1QBP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/sheep-elisa-kits/complement-component-1-q-subcomponent-binding-protein-mitochondrial-c1qbp/246648>