

Human Anti-Complement 1q Antibody (Anti-C1q) ELISA Kit | C1q elisa kit

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CATALOG #
AAA137225

REACTIVITY
Human

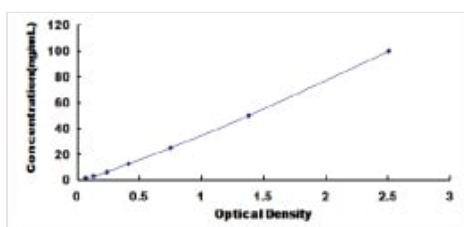
PRODUCT SYNONYMS

Anti-Complement 1q Antibody (Anti-C1q); Human Anti-Complement 1q Antibody (Anti-C1q) ELISA Kit; C1-q; C1q elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-Complement 1q Antibody (Anti-C1q). No significant cross-reactivity or interference between Anti-Complement 1q Antibody (Anti-C1q) and analogues was observed.
Sequence Length	245
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.61ng/mL
Application	Enzyme-linked immunosorbent assay for Antibody Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Anti-Complement 1q Antibody (Anti-C1q) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Anti-Complement 1q Antibody (Anti-C1q) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1q elisa kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Complement 1q Antibody (Anti-C1q) will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Anti-Complement 1q Antibody (Anti-C1q) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for C1q elisa kit	Infection immunity; Immune molecule; Autoimmunity

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
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://stage.aaabiotech.com/human-elisa-kits/anti-complement-1q-antibody-anti-c1q/137225>