

Mouse Complement C1q Subcomponent Subunit A (C1qA) ELISA Kit | C1qA elisa kit

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CATALOG #
AAA219739

REACTIVITY
Mouse

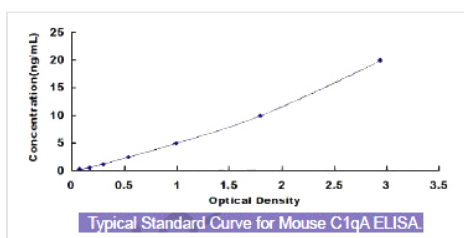
PRODUCT SYNONYMS

Complement C1q Subcomponent Subunit A (C1qA); Mouse Complement C1q Subcomponent Subunit A (C1qA) ELISA Kit; Complement Component 1; q Subcomponent; Alpha Polypeptide; C1qA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of C1qA. No significant cross-reactivity or interference between C1qA and analogues was observed.
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	< 0.120ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level C1qA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level C1qA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1qA elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of C1qA in mouse serum, plasma or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to C1qA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to C1qA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain C1qA, biotin-conjugated antibody and enzyme-conjugated Avidin 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 C1qA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124286805
NCBI GeneID	12259
NCBI Accession #	NP_031598.2
NCBI GenBank Nucleotide #	NM_007572.2
UniProt Accession #	P98086; Q9DCM6
Molecular Weight	25,974 Da
NCBI Official Full Name	complement C1q subcomponent subunit A
NCBI Official Synonym Full Names	complement component 1, q subcomponent, alpha polypeptide
NCBI Official Symbol	C1qa
NCBI Official Synonym Symbols	C1q; A1255395
NCBI Protein Information	complement C1q subcomponent subunit A
UniProt Protein Name	Complement C1q subcomponent subunit A
UniProt Gene Name	C1qa
UniProt Entry Name	C1QA_MOUSE

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/mouse-elisa-kits/complement-c1q-subcomponent-subunit-a-c1qa/219739>