

Human Complement Component 1, Q Subcomponent B (C1qB) ELISA Kit | C1QB elisa kit

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CATALOG #
AAA23989

REACTIVITY
Human

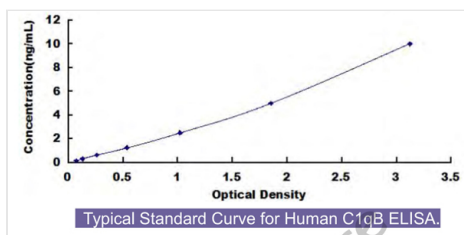
PRODUCT SYNONYMS

Complement Component 1; Q Subcomponent B (C1qB); Human Complement Component 1; Q Subcomponent B (C1qB) ELISA Kit; C1QB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of C1qB. No significant cross-reactivity or interference between C1qB and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level C1qB 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 C1qB were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1QB elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to C1qB. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to C1qB. 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 C1qB, 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 $\pm$ 10nm. The concentration of C1qB in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of C1qB in human serum, plasma or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	87298828
NCBI GeneID	713
NCBI Accession #	NP_000482.3
NCBI GenBank Nucleotide #	NM_000491.3
UniProt Accession #	P02746; Q5T959; Q96H17
Molecular Weight	26,722 Da
NCBI Official Full Name	complement C1q subcomponent subunit B
NCBI Official Synonym Full Names	complement component 1, q subcomponent, B chain
NCBI Official Symbol	C1QB
NCBI Protein Information	complement C1q subcomponent subunit B; complement component C1q, B chain; complement subcomponent C1q chain B; complement component 1, q subcomponent, beta polypeptide
UniProt Protein Name	Complement C1q subcomponent subunit B
UniProt Gene Name	C1QB
UniProt Entry Name	C1QB_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/human-elisa-kits/complement-component-1-q-subcomponent-b-c1qb/23989>