

Human complement component 1, q subcomponent, B chain ELISA Kit | C1QB elisa kit

Human Complement 1q, C1q ELISA Kit

CATALOG #
AAA80539

REACTIVITY
Human

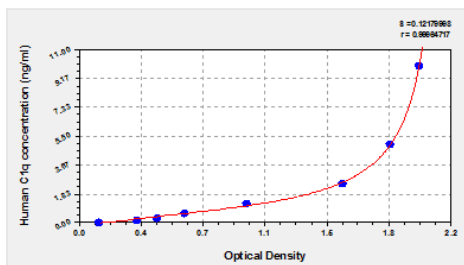
PRODUCT SYNONYMS

complement component 1; q subcomponent; B chain; Human Complement 1q; C1q ELISA Kit; beta polypeptide; complement component C1q; complement subcomponent C1q chain B; C1QB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human C1q. No significant cross-reactivity or interference between human C1q and analogues was observed.
Sequence Length	253
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and tissue homogenates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1QB elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C1q has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C1q present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for C1q is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of C1q bound in the initial step. The color development is stopped and the intensity of the color is measured.

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://stage.aaabiotech.com/c1qb-human-elisa-kits/complement-component-1-q-subcomponent-b-chain/80539>