

Human complement component 1, q subcomponent, A chain ELISA Kit | C1QA elisa kit

Human Complement C1q subcomponent subunit A, C1QA ELISA Kit

CATALOG #
AAA18156

REACTIVITY
Human

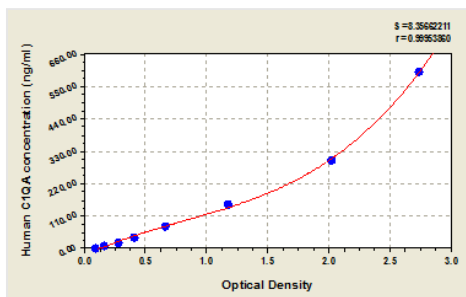
PRODUCT SYNONYMS

complement component 1; q subcomponent; A chain; Human Complement C1q subcomponent subunit A; C1QA ELISA Kit; Human Complement C1q subcomponent subunit A (C1QA) ELISA kit; OTTHUMP00000197085; alpha polypeptide; complement component C1q; C1QA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human C1QA. No significant cross-reactivity or interference between human C1QA and analogues was observed.
Sequence Length	245
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	9.38 ng/ml-600 ng/ml
Sensitivity	< 2.34 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 C1QA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for C1QA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C1QA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for C1QA is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of C1QA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7705753
NCBI GeneID	712
NCBI Accession #	NP_057075.1
NCBI GenBank Nucleotide #	NM_015991.2
UniProt Accession #	P02745; Q5T963; B2R4X2
Molecular Weight	26,017 Da
NCBI Official Full Name	complement C1q subcomponent subunit A
NCBI Official Synonym Full Names	complement component 1, q subcomponent, A chain
NCBI Official Symbol	C1QA
NCBI Protein Information	complement C1q subcomponent subunit A; complement component C1q, A chain; complement component 1, q subcomponent, alpha polypeptide
UniProt Protein Name	Complement C1q subcomponent subunit A
UniProt Gene Name	C1QA
UniProt Entry Name	C1QA_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://www.aaabiotech.com/c1qa-human-elisa-kits/complement-component-1-q-subcomponent-a-chain/18156>