

## 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**

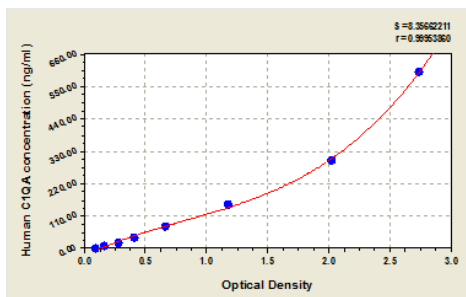
### PRODUCT SYNONYMS

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.

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Online datasheet: <https://stage.aaabiotech.com/c1qa-human-elisa-kits/complement-component-1-q-subcomponent-a-chain/18156>