

## Mouse Anti-Complement 1q Antibody ELISA Kit | C1q elisa kit

Mouse Anti-Complement 1q Antibody ELISA Kit

CATALOG #  
**AAA16578**

REACTIVITY  
**Mouse**

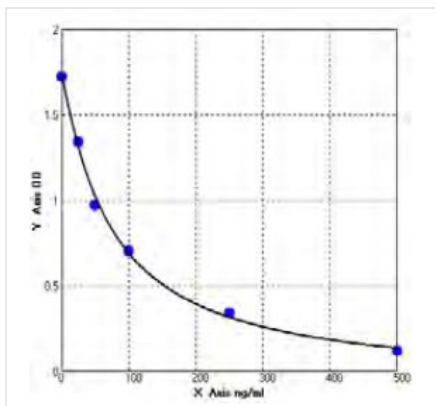
### PRODUCT SYNONYMS

Anti-Complement 1q Antibody; Mouse Anti-Complement 1q Antibody ELISA Kit; C1q elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of C1QAb. No significant cross-reactivity or interference between C1QAb and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C1QAb and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for C1q elisa kit | <p>Principle of the Assay: C1QAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Complement 1Q antigen and an C1QAb-HRP conjugate. The assay sample and buffer are incubated together with C1QAb-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the C1QAb concentration since C1QAb from samples and C1QAb-HRP conjugate compete for the Complement 1Q antigen binding site. Since the number of sites is limited, as more sites are occupied by C1QAb from the sample, fewer sites are left to bind C1QAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1QAb concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This C1QAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse C1QAb. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
| Product Categories/Family for C1q elisa kit   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 14149712                                                                                           |
| NCBI GeneID                      | 114902                                                                                             |
| NCBI Accession #                 | NP_056460.1                                                                                        |
| NCBI GenBank Nucleotide #        | NM_015645.4                                                                                        |
| Molecular Weight                 | 25,298 Da                                                                                          |
| NCBI Official Full Name          | complement C1q tumor necrosis factor-related protein 5                                             |
| NCBI Official Synonym Full Names | C1q and tumor necrosis factor related protein 5                                                    |
| NCBI Official Symbol             | C1QTNF5                                                                                            |
| NCBI Official Synonym Symbols    | CTRP5                                                                                              |
| NCBI Protein Information         | complement C1q tumor necrosis factor-related protein 5; myonectin; C1q TNF-alpha-related protein 5 |
| UniProt Protein Name             | Complement C1q tumor necrosis factor-related protein 5                                             |
| UniProt Gene Name                | C1QTNF5                                                                                            |
| UniProt Synonym Gene Names       | CTRP5; UNQ303/PRO344                                                                               |
| UniProt Entry Name               | C1QT5_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/c1q-mouse-elisa-kits/anti-complement-1q-antibody/16578>