

## Mouse Complement 1q (C1q) ELISA Kit | C1q elisa kit

Mouse Complement 1q (C1q) ELISA Kit

CATALOG #  
**AAA137241**

REACTIVITY  
**Mouse**

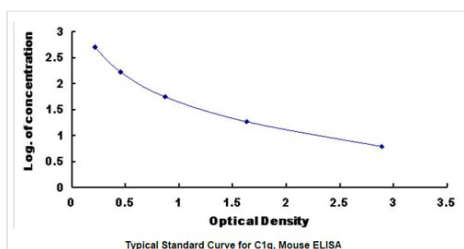
### PRODUCT SYNONYMS

Complement 1q (C1q); Mouse Complement 1q (C1q) ELISA Kit; C1q elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Complement 1q (C1q)<br>No significant cross-reactivity or interference between Complement 1q (C1q) and analogues was observed.                                                                                                                                                                                                                                                                                  |
| Samples                 | Serum, plasma and other biological fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Assay Type              | Competitive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Detection Range         | 6.17-500ng/mL The standard curve concentrations used for the ELISA's were 500ng/mL, 166.67ng/mL, 55.56ng/mL, 18.52ng/mL, 6.17ng/mL                                                                                                                                                                                                                                                                                                                                                         |
| Sensitivity             | Typically less than 2.35ng/mL.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Organism Species        | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ELISA Type              | Competitive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Precision               | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Complement 1q (C1q) were tested 20 times on one plate, respectively.<br>Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Complement 1q (C1q) were tested on 3 different plates, 8 replicates in each plate.<br>$CV(\%) = SD/mean \times 100$<br>Intra-Assay: CV<10%<br>Inter-Assay: CV<12%                                                         |
| Preparation and Storage | The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.<br>To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for C1q elisa kit | This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific for Complement 1q (C1q) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between Horseradish Peroxidase (HRP) labeled Complement 1q (C1q) and unlabeled Complement 1q (C1q) (Standards or samples) with the pre-coated antibody specific for Complement 1q (C1q). After incubation the unbound conjugate is washed off. The amount of bound HRP conjugate is reverse proportional to the concentration of Complement 1q (C1q) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Complement 1q (C1q) in the sample. |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/complement-1q-c1q/137241>