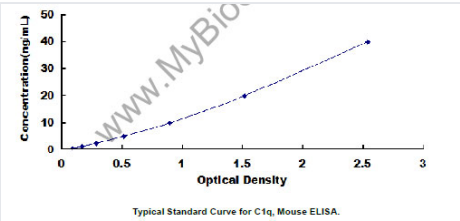
Complement 1q (C1Q) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Complement 1q (C1q), ELISA Kit
Full Product Name	Mouse Complement 1q (C1q) ELISA Kit
Product Gene Name	C1q elisa kit
Product Synonym Names	C1-q
Species Reactivity	Mouse
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	0.625-40ng/mL
Sensitivity	0.244ng/mL
Specificity	This assay has high sensitivity and excellent specificity for detection of BTN3A1. No significant cross-reactivity or interference between BTN3A1 and analogues was observed.
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. 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.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level BTN3A1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BTN3A1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Product Categories/Family for C1q elisa kit	Infection immunity; Immune molecule; Autoimmunity
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Related Product Information for C1q elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BTN3A1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to BTN3A1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to BTN3A1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain BTN3A1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of BTN3A1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Other Notes	Small volumes of C1q elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for C1q purchase	MBS2024909 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Complement 1q (C1q) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing C1q. The ELISA analytical biochemical technique of the MBS2024909 kit is based on C1q antibody-C1q antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect C1q antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, C1q. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of C1q elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/mouse-elisa-kits/complement-1q-c1q/2024909