

Mouse C1q And Tumor Necrosis Factor Related Protein 9 (C1QTNF9) ELISA Kit | C1QTNF9 elisa kit

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CATALOG # AAA149213	REACTIVITY Mouse
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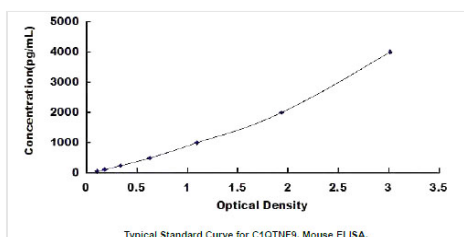
PRODUCT SYNONYMS

C1q And Tumor Necrosis Factor Related Protein 9 (C1QTNF9); Mouse C1q And Tumor Necrosis Factor Related Protein 9 (C1QTNF9) ELISA Kit; CTRP9; C1QTNF9A; AQL1; Complement C1q and tumor necrosis factor-related protein 9A; C1QTNF9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of C1q. No significant cross-reactivity or interference between C1q and analogues was observed.
Sequence Length	333
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	62.5-4,000pg/mL
Sensitivity	25.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level C1q were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level C1q were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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. 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 C1QTNF9 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of C1q in mouse serum, plasma and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to C1q. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to C1q. 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 C1q, 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 C1q in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for C1QTNF9 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	734703922
NCBI GeneID	338872
NCBI Accession #	NP_001290067.1
NCBI GenBank Nucleotide #	NM_001303138.1
UniProt Accession #	P0C862; Q0VGC5; Q5VX65; Q5VX66; Q8IUU4; A2A3T6
Molecular Weight	34,681 Da
NCBI Official Full Name	complement C1q and tumor necrosis factor-related protein 9A
NCBI Official Synonym Full Names	C1q and TNF related 9
NCBI Official Symbol	C1QTNF9
NCBI Official Synonym Symbols	AQL1; CTRP9; C1QTNF9A
NCBI Protein Information	complement C1q and tumor necrosis factor-related protein 9A
UniProt Protein Name	Complement C1q and tumor necrosis factor-related protein 9A
UniProt Gene Name	C1QTNF9
UniProt Synonym Gene Names	C1QTNF9A

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.