

Mouse Complement Component 1 Q Receptor ELISA Kit | C1qR1 elisa kit

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CATALOG #
AAA84924

REACTIVITY
Mouse

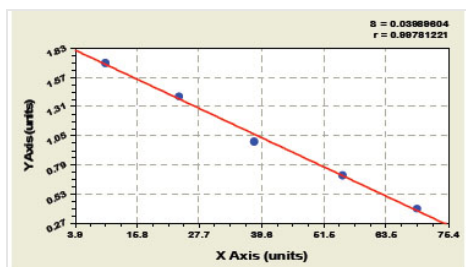
PRODUCT SYNONYMS

Complement Component 1 Q Receptor; Mouse Complement Component 1 Q Receptor ELISA Kit; C1qR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1qR1 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This C1QR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse C1QR. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY C1QR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C1QR antibody and an C1QR-HRP conjugate. The assay sample and buffer are incubated together with C1QR-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 C1QR concentration since C1QR from samples and C1QR-HRP conjugate compete for the anti-C1QR antibody binding site. Since the number of sites is limited, as more sites are occupied by C1QR from the sample, fewer sites are left to bind C1QR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1QR concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C1qR1 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758613
NCBI GeneID	22918
NCBI Accession #	NP_036204.2
NCBI GenBank Nucleotide #	NM_012072.3
Molecular Weight	68,560 Da
NCBI Official Full Name	complement component C1q receptor
NCBI Official Synonym Full Names	CD93 molecule
NCBI Official Symbol	CD93
NCBI Official Synonym Symbols	C1QR1; C1qRP; CDw93; ECSM3; MXRA4; C1qR(P); dJ737E23.1
NCBI Protein Information	complement component C1q receptor; C1qR; CD93 antigen; C1q receptor 1; C1q/MBL/SPA receptor; matrix-remodelling associated 4; matrix-modeling-associated protein 4; complement component 1 q subcomponent receptor 1; complement component 1, q subcomponent, receptor 1
UniProt Protein Name	Complement component C1q receptor
UniProt Gene Name	CD93
UniProt Synonym Gene Names	C1QR1; MXRA4; C1qR; C1qR(p); C1qRp
UniProt Entry Name	C1QR1_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/c1qr1-mouse-elisa-kits/complement-component-1-q-receptor/84924>