

Mouse Complement component C8 alpha chain (C8A) ELISA Kit | C8A elisa kit

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CATALOG #
AAA245781

REACTIVITY
Mouse

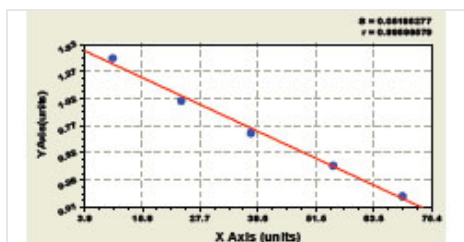
PRODUCT SYNONYMS

Complement component C8 alpha chain (C8A); Mouse Complement component C8 alpha chain (C8A) ELISA Kit; C8A 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 C8A elisa kit

Intended Uses: This C8alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse C8alpha. This ELISA kit for research use only!

Principle of the Assay||C8alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C8alpha antibody and an C8alpha-HRP conjugate. The assay sample and buffer are incubated together with C8alpha-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 C8alpha concentration since C8alpha from samples and C8alpha-HRP conjugate compete for the anti-C8alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by C8alpha from the sample, fewer sites are left to bind C8alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C8alpha concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C8A elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557389
NCBI GeneID	731
NCBI Accession #	NP_000553.1
NCBI GenBank Nucleotide #	NM_000562.2
Molecular Weight	65,163 Da
NCBI Official Full Name	complement component C8 alpha chain
NCBI Official Synonym Full Names	complement component 8, alpha polypeptide
NCBI Official Symbol	C8A
NCBI Protein Information	complement component C8 alpha chain; complement component 8 subunit alpha
UniProt Protein Name	Complement component C8 alpha chain
UniProt Gene Name	C8A
UniProt Entry Name	CO8A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/complement-component-c8-alpha-chain-c8a/245781>