

Mouse Complement Component 4B ELISA Kit | C4B elisa kit

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CATALOG #
AAA83962

REACTIVITY
Mouse

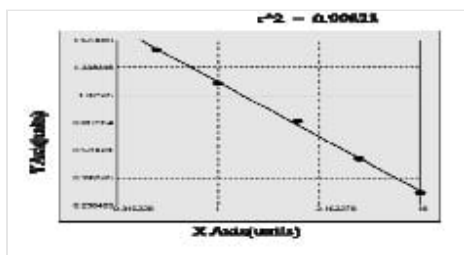
PRODUCT SYNONYMS

Complement Component 4B; Mouse Complement Component 4B ELISA Kit; C4B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C4B elisa kit

Intended Uses: This C4B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse C4B. This ELISA kit for research use only!

Principle of the Assay: C4B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C4B antibody and an C4B-HRP conjugate. The assay sample and buffer are incubated together with C4B-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 C4B concentration since C4B from samples and C4B-HRP conjugate compete for the anti-C4B antibody binding site. Since the number of sites is limited, as more sites are occupied by C4B from the sample, fewer sites are left to bind C4B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C4B concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C4B elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	356601440
Molecular Weight	1,094 Da
NCBI Official Full Name	complement component 4B, partial
UniProt Protein Name	Complement component 4B
UniProt Gene Name	C4B
UniProt Entry Name	R9QA77_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/c4b-mouse-elisa-kits/complement-component-4b/83962>