

Human Complement Component 4B ELISA Kit | C4B elisa kit

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CATALOG #
AAA85564

REACTIVITY
Human

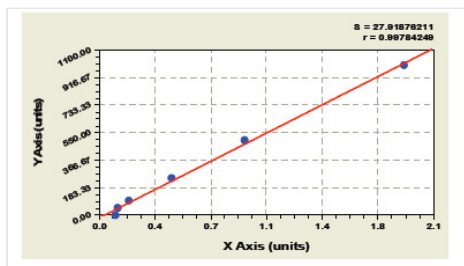
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This C4B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human C4B. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C4B elisa kit

Principle of the assay: C4B ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for C4B. Standards or samples are then added to the microtiter plate wells and C4B if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of C4B present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for C4B are added to each well to "sandwich" the C4B immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain C4B and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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-human-elisa-kits/complement-component-4b/85564>