

Human Complement fragment 3b rcceptor, C3bR ELISA Kit | CR1 elisa kit

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CATALOG #
AAA244389

REACTIVITY
Human

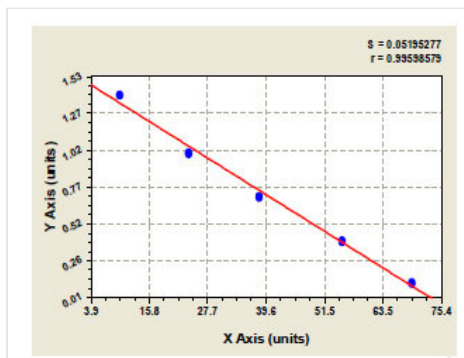
PRODUCT SYNONYMS

Complement fragment 3b rcceptor; C3bR; Human Complement fragment 3b rcceptor; C3bR ELISA Kit; CR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/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 CR1 elisa kit

Intended Uses: This C3bR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human C3bR. This ELISA kit for research use only!

Principle of the Assay||C3bR ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-C3bR antibody and an C3bR-HRP conjugate. The assay sample and buffer are incubated together with C3bR-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 C3bR concentration since C3bR from samples and C3bR-HRP conjugate compete for the anti-C3bR antibody binding site. Since the number of sites is limited, as more sites are occupied by C3bR from the sample, fewer sites are left to bind C3bR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C3bR concentration in each sample is interpolated from this standard curve.

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/cr1-human-elisa-kits/complement-fragment-3b-rcceptor-c3br/244389>