

Human Complement fragment 3c, C3c ELISA Kit | C3c elisa kit

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CATALOG #
AAA246592

REACTIVITY
Human

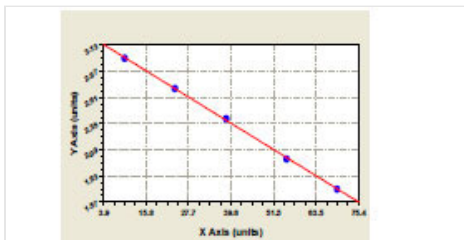
PRODUCT SYNONYMS

Complement fragment 3c; C3c; Human Complement fragment 3c; C3c ELISA Kit; C3c 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 C3c elisa kit

Intended Uses: This C3c ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human C3c. This ELISA kit for research use only!

Principle of the Assay: C3c ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C3c antibody and an C3c-HRP conjugate. The assay sample and buffer are incubated together with C3c-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 C3c concentration since C3c from samples and C3c-HRP conjugate compete for the anti-C3c antibody binding site. Since the number of sites is limited, as more sites are occupied by C3c from the sample, fewer sites are left to bind C3c-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C3c concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C3c elisa kit

Immunology

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/human-elisa-kits/complement-fragment-3c-c3c/246592>