

Chicken C3 Nephritic Factor C3 ELISA Kit

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CATALOG #
AAA247545

REACTIVITY
Chicken

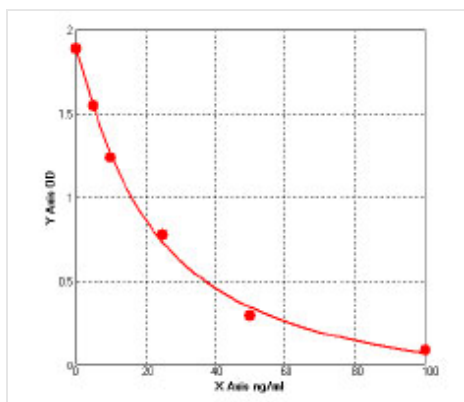
PRODUCT SYNONYMS

C3 Nephritic Factor C3; Chicken C3 Nephritic Factor C3 ELISA Kit; C3 Nephritic Factor C3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ug/mL.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C3 Nephritic Factor C3 elisa kit	Intended Uses: This C3d ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat C3d. This ELISA kit for research use only! Principle of the Assay: C3d ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-C3d antibody and an C3d-HRP conjugate. The assay sample and buffer are incubated together with C3d-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 C3d concentration since C3d from samples and C3d-HRP conjugate compete for the anti-C3d antibody binding site. Since the number of sites is limited, as more sites are occupied by C3d from the sample, fewer sites are left to bind C3d-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C3d concentration in each sample is interpolated from this standard curve.
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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/chicken-elisa-kits/c3-nephritic-factor-c3/247545>