

Human Complement Fragment 4d, C4d ELISA Kit | C4d elisa kit

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CATALOG #
AAA27103

REACTIVITY
Human

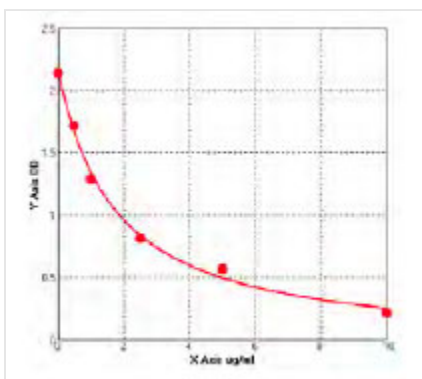
PRODUCT SYNONYMS

Complement Fragment 4d; C4d; Human Complement Fragment 4d; C4d ELISA Kit; C4d elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C4d elisa kit

Intended Uses: This C4A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine C4A. This ELISA kit for research use only!

Principle of the Assay: C4A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-C4A antibody and an C4A-HRP conjugate. The assay sample and buffer are incubated together with C4A-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 C4A concentration since C4A from samples and C4A-HRP conjugate compete for the anti-C4A antibody binding site. Since the number of sites is limited, as more sites are occupied by C4A from the sample, fewer sites are left to bind C4A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C4A 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/human-elisa-kits/complement-fragment-4d-c4d/27103>