

Sheep Complement Component 1R ELISA Kit | C1r elisa kit

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CATALOG #
AAA92812

REACTIVITY
Sheep

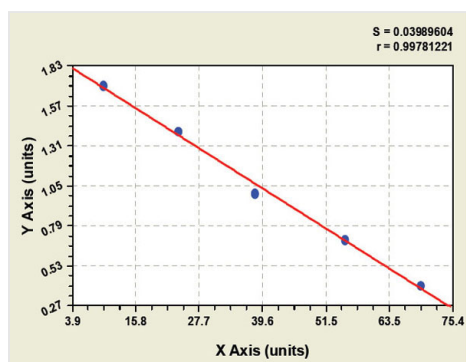
PRODUCT SYNONYMS

Complement Component 1R; Sheep Complement Component 1R ELISA Kit; C1r elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C1r elisa kit

Intended Uses: This C1r ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep C1r. This ELISA kit for research use only!

Principle of the Assay: C1r ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C1r antibody and an C1r-HRP conjugate. The assay sample and buffer are incubated together with C1r-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 C1r concentration since C1r from samples and C1r-HRP conjugate compete for the anti-C1r antibody binding site. Since the number of sites is limited, as more sites are occupied by C1r from the sample, fewer sites are left to bind C1r-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1r concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C1r elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	117667417
Molecular Weight	10,656 Da
NCBI Official Full Name	complement component 1r subcomponent, partial
UniProt Protein Name	Complement component 1r subcomponent
UniProt Entry Name	A0MNM5_PIG

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/c1r-sheep-elisa-kits/complement-component-1r/92812>