

Rat sCD21 ELISA Kit | sCD21 elisa kit

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CATALOG #
AAA87036

REACTIVITY
Rat

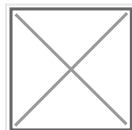
PRODUCT SYNONYMS

sCD21; Rat sCD21 ELISA Kit; sCD21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500u/mL
Sensitivity	1.0ug/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sCD21 elisa kit

Intended Uses: This sCD21 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat sCD21. This ELISA kit for research use only!

Principle of the Assay: sCD21 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-sCD21 antibody and an sCD21-HRP conjugate. The assay sample and buffer are incubated together with sCD21-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 sCD21 concentration since sCD21 from samples and sCD21-HRP conjugate compete for the anti-sCD21 antibody binding site. Since the number of sites is limited, as more sites are occupied by sCD21 from the sample, fewer sites are left to bind sCD21-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sCD21 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for sCD21 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.