Rat Soluble CD 44v9 ELISA Kit | SCD44V9 elisa kit

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CATALOG #	REACTIVITY
AAA82121	**Rat**

PRODUCT SYNONYMS

Soluble CD 44v9; Rat Soluble CD 44v9 ELISA Kit; SCD44V9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/ml
Intended Uses	This SCD44V9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat SCD44V9. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCD44V9 elisa kit	**Principle of the assay:** SCD44V9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SCD44V9 antibody and an SCD44V9-HRP conjugate. The assay sample and buffer are incubated together with SCD44V9-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 SCD44V9 concentration since SCD44V9 from samples and SCD44V9-HRP conjugate compete for the anti-SCD44V9 antibody binding site. Since the number of sites is limited, as more sites are occupied by SCD44V9 from the sample, fewer sites are left to bind SCD44V9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCD44V9 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SCD44V9 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/scd44v9-rat-elisa-kits/soluble-cd-44v9/82121