

Bovine Soluble Cluster Of Differentiation 27 ELISA Kit | sCD27 elisa kit

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CATALOG #
AAA96752

REACTIVITY
Bovine

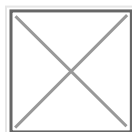
PRODUCT SYNONYMS

Soluble Cluster Of Differentiation 27; Bovine Soluble Cluster Of Differentiation 27 ELISA Kit; sCD27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sCD27 elisa kit

Principle of the assay: SCD27 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SCD27 antibody and an SCD27-HRP conjugate. The assay sample and buffer are incubated together with SCD27-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 SCD27 concentration since SCD27 from samples and SCD27-HRP conjugate compete for the anti-SCD27 antibody binding site. Since the number of sites is limited, as more sites are occupied by SCD27 from the sample, fewer sites are left to bind SCD27-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCD27 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for sCD27 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.