

Porcine Soluble Intercellular Adhesion Molecule-1 ELISA Kit | SICAM1 elisa kit

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CATALOG #
AAA88699

REACTIVITY
Porcine

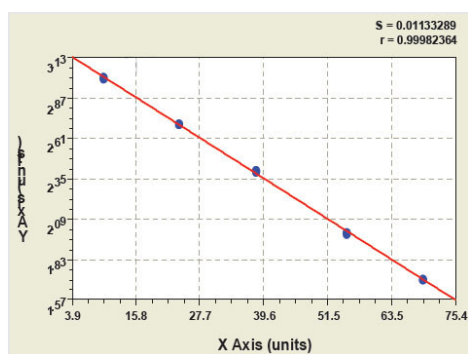
PRODUCT SYNONYMS

Soluble Intercellular Adhesion Molecule-1; Porcine Soluble Intercellular Adhesion Molecule-1 ELISA Kit; SICAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This SICAM1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine SICAM1. 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 SICAM1 elisa kit

Principle of the Assay: SICAM1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SICAM1 antibody and an SICAM1-HRP conjugate. The assay sample and buffer are incubated together with SICAM1-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 SICAM1 concentration since SICAM1 from samples and SICAM1-HRP conjugate compete for the anti-SICAM1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SICAM1 from the sample, fewer sites are left to bind SICAM1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SICAM1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SICAM1 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://www.aaabiotech.com/sicam1-porcine-elisa-kits/soluble-intercellular-adhesion-molecule-1/88699>