

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

Mouse Soluble Intercellular Adhesion Molecule-1 ELISA Kit

CATALOG #
AAA82049

REACTIVITY
Mouse

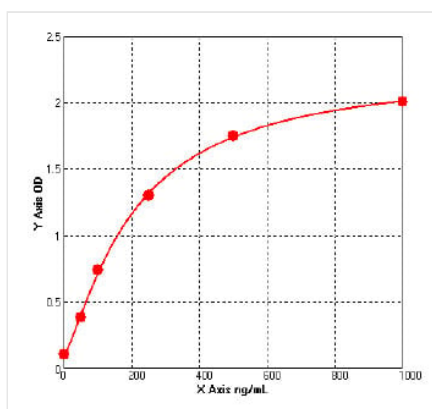
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of sICAM-1. No significant cross-reactivity or interference between sICAM-1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sICAM-1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Highest Standards	10ng/mL
Concentration of Standards	Concentration of Standards
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: sICAM-1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for sICAM-1. Standards or samples are then added to the microtiter plate wells and sICAM-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of sICAM-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for sICAM-1 are added to each well to "sandwich" the sICAM-1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain sICAM-1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sICAM-1 concentration in each sample is interpolated from this standard curve. Intended Uses: This sICAM-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse sICAM-1. This ELISA kit for research use only, not for therapeutic or test applications!
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sicam1-mouse-elisa-kits/soluble-intercellular-adhesion-molecule-1/82049>