

Rat soluble intercellular adhesion molecule-1 (sICAM-1) ELISA Kit | sICAM-1 elisa kit

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CATALOG #
AAA54350

REACTIVITY
Rat

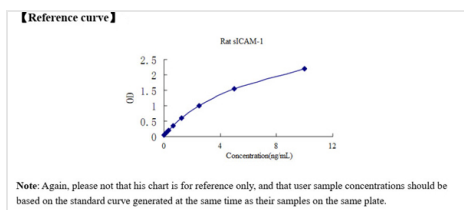
PRODUCT SYNONYMS

soluble intercellular adhesion molecule-1 (sICAM-1); Rat soluble intercellular adhesion molecule-1 (sICAM-1) ELISA Kit; sICAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	38
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sICAM-1 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat sICAM-1 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1836075
NCBI GeneID	3383

Molecular Weight	57,825 Da
NCBI Official Full Name	sICAM-1, partial
NCBI Official Synonym Full Names	intercellular adhesion molecule 1
NCBI Official Symbol	ICAM1
NCBI Official Synonym Symbols	BB2; CD54; P3.58
NCBI Protein Information	intercellular adhesion molecule 1; ICAM-1; cell surface glycoprotein P3.58; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor
UniProt Protein Name	Intercellular adhesion molecule 1
UniProt Gene Name	ICAM1
UniProt Synonym Gene Names	ICAM-1
UniProt Entry Name	ICAM1_HUMAN

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/rat-elisa-kits/soluble-intercellular-adhenaion-molecule-1-sicam-1/54350>