

Rat Intercellular Adhesion Molecule 1, sICAM-1 ELISA Kit | sICAM-1 elisa kit

Rat Soluble Intercellular Adhesion Molecule 1, sICAM-1 ELISA Kit

CATALOG #
AAA11091

REACTIVITY
Rat

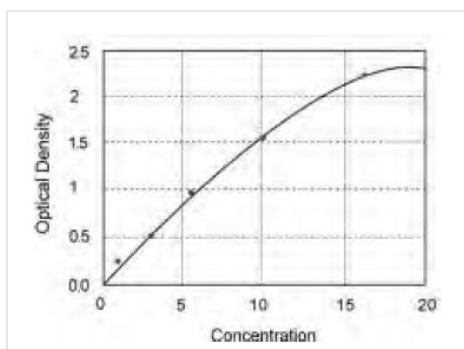
PRODUCT SYNONYMS

Intercellular Adhesion Molecule 1; sICAM-1; Rat Soluble Intercellular Adhesion Molecule 1; sICAM-1 ELISA Kit; sICAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	38
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/ml
Sensitivity	0.026ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sICAM-1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat sICAM-1 antibody. sICAM-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat sICAM-1 Antibody is added and binds to sICAM-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated sICAM-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat sICAM-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Soluble Intercellular Adhesion Molecule 1 (also known as sICAM-1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1836075
NCBI GeneID	3383
UniProt Accession #	P05362; Q5NKV7; Q96B50; B2R6M3
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
UniProt Protein Name	Intercellular adhesion molecule 1
UniProt Gene Name	ICAM1
UniProt Synonym Gene Names	ICAM-1

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/intercellular-adhesion-molecule-1-sicam-1/11091>