

Mouse Intercellular Adhesion Molecule 1, Icam1 ELISA Kit | Icam1 elisa kit

Mouse Intercellular Adhesion Molecule 1, Icam1 Primacu ELISA Kit

CATALOG #
AAA124384

REACTIVITY
Mouse

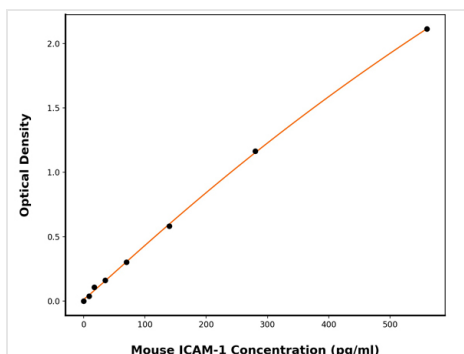
PRODUCT SYNONYMS

Intercellular Adhesion Molecule 1; Icam1; Mouse Intercellular Adhesion Molecule 1; Icam1 Primacu ELISA Kit; Intercellular adhesion molecule 1; ICAM-1; Icam-1; Icam1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	8.75-560pg/mL
Sensitivity	3.03pg/mL
Standard Solution	5.6ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Icam1 elisa kit	Intercellular adhesion molecule-1 (ICAM-1, or CD54) is a 90 kDa member of the immunoglobulin (Ig) superfamily and is critical for the firm arrest and transmigration of leukocytes out of blood vessels and into tissues. ICAM-1 is constitutively present on endothelial cells, but its expression is increased by proinflammatory cytokines. The endothelial expression of ICAM-1 is increased in atherosclerotic and transplant-associated atherosclerotic tissue and animal models of atherosclerosis. Additionally, ICAM-1 has been implicated in the progression of autoimmune diseases. ICAM-1 is a ligand for LFA-1(integrin). When activated, leukocytes bind to endothelial cells via ICAM-1/LFA-1 interaction and then transmigrate into tissues. Presence with heavy glycosylation and other structural characteristics, ICAM-1 possesses binding sites for some immune-associated ligands and serves as the binding site for entry of the major group of human Rhinovirus (HRV) into various cell types. ICAM-1 also becomes known for its affinity for Plasmodium falciparum-infected erythrocytes (PFIE), providing more of a role in infectious disease. Previous studies have shown that ICAM-1 is involved in inflammatory reactions and that a defect in ICAM-1 gene inhibits allergic contact hypersensitivity.
Product Categories/Family for Icam1 elisa kit	Primacu ELISA Kit; Neuroscience; Immunology; Microbiology; Cardiovascular; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	124099
NCBI GeneID	15894
UniProt Accession #	P13597; Q61828
Molecular Weight	532
NCBI Official Full Name	Intercellular adhesion molecule 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 1
NCBI Official Symbol	Icam1
NCBI Official Synonym Symbols	CD54; Ly-47; Icam-1; MALA-2
NCBI Protein Information	intercellular adhesion molecule 1; myD10
UniProt Protein Name	Intercellular adhesion molecule 1
UniProt Gene Name	Icam1
UniProt Synonym Gene Names	Icam-1; ICAM-1
UniProt Entry Name	ICAM1_MOUSE

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/mouse-elisa-kits/intercellular-adhesion-molecule-1-icam1/124384>