

Rat sL-Selectin ELISA Kit | SELL elisa kit

Rat sL-Selectin PicoKine ELISA Kit

CATALOG #
AAA45547

REACTIVITY
Rat

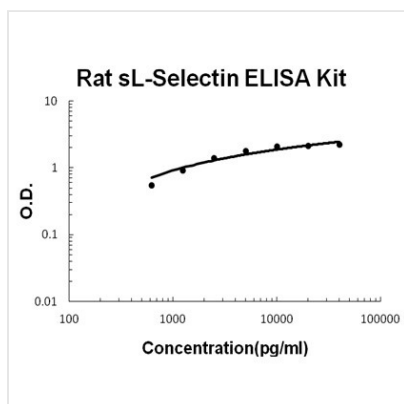
PRODUCT SYNONYMS

sL-Selectin; Rat sL-Selectin PicoKine ELISA Kit; L-selectin; selectin L; A.11; AI528707; CD62 antigen ligand; CD62 antigen-like family member L; CD62L antigen; gp90 MEL; hLHRc; IgA nephropathy; susceptibility to; included; L Selectin; L selectin precursor; LAM 1; LAM1; LECAM1; Leu 8; Leu8; Leukocyte adhesion molecule 1; Leukocyte endothelial cell adhesion molecule 1; Leukocyte surface antigen Leu 8; Leukocyte surface antigen Leu8; Leukocyte-endothelial cell adhesion molecule 1; LNHR; LSEL; Ly-22; Ly-m22; Lyam 1; LYAM1; Lymph node homing receptor; Lymphocyte adhesion molecule 1; Lymphocyte antigen 22; Lymphocyte surface MEL-14 antigen; PLNHR; Selectin L; Selectin L (lymphocyte adhesion molecule 1); Selectin; lymphocyte; SELL; TQ1; SELL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant rat sL-Selectin
Sequence Length	372
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	625pg/ml-40,000pg/ml
Sensitivity	< 20pg/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.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Rat sL-Selectin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for SELL elisa kit	Principle of the assay: rat L-Selectin ELISA Kit is based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for L-Selectin has been precoated onto 96-well plates. Standards(NSO, W39-N332) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for L-Selectin is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex is added and unbound conjugates are washed away with PBS or TBS buffer. HRP substrate TMB are used to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the rat L-Selectin amount of sample captured in plate. Background: L-selectin, also known as CD62L, is a cell adhesion molecule found on leukocytes. It belongs to the selectin family of proteins, which recognize sialylated carbohydrate groups. It is cleaved by ADAM17.SELL (L-selectin) is a cell surface component that is a member of a family of adhesion/homing receptors which play important roles in leukocyte-endothelial cell interactions. The molecule is composed of multiple domains: one homologous to lectins, one to epidermal growth factor, and two to the consensus repeat units found in C3/C4 binding proteins.1 L-selectin acts as a "homing receptor" for leukocytes to enter secondary lymphoid tissues via high endothelial venules. Ligands present on endothelial cells will bind to leukocyte expressing L-selectin, slowing leukocyte trafficking through the blood, and facilitating entry into a secondary lymphoid organ at that point2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81863363
NCBI GeneID	29259
UniProt Accession #	Q63762; P30836
Molecular Weight	42,471 Da
NCBI Official Full Name	Lymphocyte membrane protein A.11
NCBI Official Synonym Full Names	selectin L
NCBI Official Symbol	Sell
NCBI Official Synonym Symbols	A.11; LECAM-1; L-selectin
NCBI Protein Information	L-selectin; LAM-1; ly-22; LECAM1; selectin, lymphocyte; lymphocyte antigen 22; lymph node homing receptor; leukocyte adhesion molecule 1; CD62 antigen-like family member L; lymphocyte surface MEL-14 antigen; leukocyte-endothelial cell adhesion molecule 1
UniProt Protein Name	L-selectin
UniProt Gene Name	Sell
UniProt Entry Name	Q63762_RAT

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.