

Human sL-Selectin ELISA Kit | SELL elisa kit

Human sL-Selectin PicoKine ELISA Kit

CATALOG #
AAA45277

REACTIVITY
Human

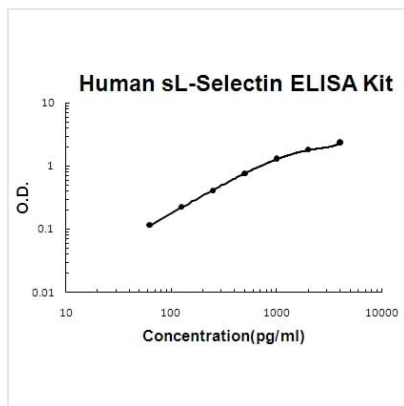
PRODUCT SYNONYMS

sL-Selectin; Human 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	Human
Specificity	Natural and recombinant human sL-Selectin
Sequence Length	372
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 5pg/ml
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)

Human sL-Selectin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for SELL elisa kit	Principle of the assay: human sL-Selectin ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for sL-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 sL-Selectin is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was 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 human sL-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 #	126178
NCBI GeneID	6402
UniProt Accession #	P14151; P15023; Q9UJ43; B2R6Q8
Molecular Weight	43,618 Da
NCBI Official Full Name	L-selectin
NCBI Official Synonym Full Names	selectin L
NCBI Official Symbol	SELL
NCBI Official Synonym Symbols	TQ1; LAM1; LEU8; LNHR; LSEL; CD62L; LYAM1; PLNHR; LECAM1
NCBI Protein Information	L-selectin; gp90-MEL; pln homing receptor; lymph node homing receptor; lymphocyte adhesion molecule 1; leukocyte surface antigen Leu-8; CD62 antigen-like family member L; leukocyte-endothelial cell adhesion molecule 1
UniProt Protein Name	L-selectin
UniProt Gene Name	SELL
UniProt Synonym Gene Names	LNHR; LYAM1; LAM-1; LECAM1
UniProt Entry Name	LYAM1_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.