

Human sL-Selectin ELISA Kit | SELL elisa kit

Human sL-Selectin PicoKine Fast ELISA Kit

CATALOG #
AAA125328

REACTIVITY
Human

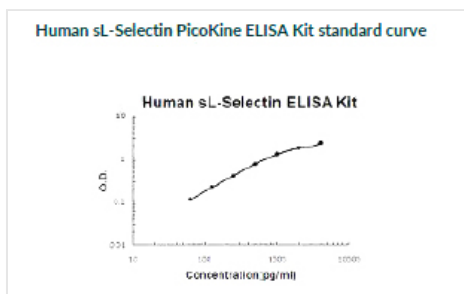
PRODUCT SYNONYMS

sL-Selectin; Human sL-Selectin PicoKine Fast ELISA Kit; Human sL-Selectin; L-selectin; CD62 antigen-like family member L; Leukocyte adhesion molecule 1; LAM-1; Leukocyte surface antigen Leu-8; Leukocyte-endothelial cell adhesion molecule 1; LECAM1; Lymph node homing receptor; TQ1; gp90-MEL; CD62L; SELL; LNHR; LYAM1; SELL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human SELL
Sequence Length	385
Samples	Cell culture supernates, serum and plasma(heparin, EDTA, citrate)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<5pg/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 accross 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELL elisa kit	Principle of the Assay: The Picokine™ Human SELL Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human SELL with a 96-well strip plate that is pre-coated with antibody specific for SELL. The detection antibody is a biotinylated antibody specific for SELL. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human SELL with immunogen: Expression system for standard: NSO; Immunogen sequence: W39-N332. The kit is analytically validated with ready to use reagents. To measure Human SELL, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human SELL in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human SELL in the sample.!!Background/Introduction: 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.1L-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 #	262206315
NCBI GeneID	6402
NCBI Accession #	NP_000646.2
NCBI GenBank Nucleotide #	NP_000646.2
UniProt Accession #	P14151
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
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.

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Online datasheet: <https://stage.aaabiotech.com/sell-human-elisa-kits/sl-selectin/125328>