

Human L-Selectin ELISA Kit | SELL elisa kit

L-Selectin Human ELISA Kit

CATALOG # AAA59007	REACTIVITY Human	APPLICATIONS ELISA
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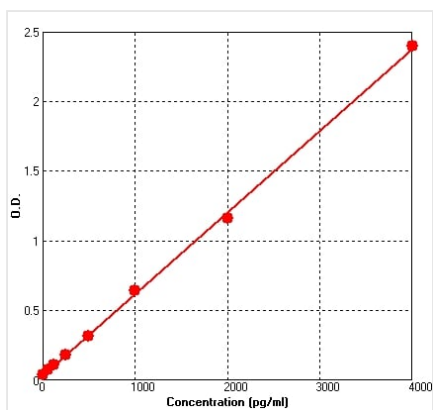
PRODUCT SYNONYMS

L-Selectin; L-Selectin Human ELISA Kit; Human L-Selectin; SELL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 5pg/ml
Applicable Applications for SELL elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELL elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti- L-Selectin polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- L-Selectin polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 L-Selectin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of L-Selectin can be calculated. Background: L-selectin, also known as CD62L, is a cell adhesion molecule found on lymphocytes. It belongs to the selectin family of proteins, which recognize sialylated carbohydrate groups. 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. L-selectin acts as a "homing receptor" for lymphocytes to enter secondary lymphoid tissues via high endothelial venules. Ligands present on endothelial cells will bind to lymphocytes expressing L-selectin, slowing lymphocyte trafficking through the blood, and facilitating entry into a secondary lymphoid organ at that point. It may also play a role in neutrophil adhesion to endothelium at sites of inflammation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262206315
NCBI GeneID	6402
NCBI Accession #	NP_000646.2
NCBI GenBank Nucleotide #	NM_000655.4
UniProt Accession #	P14151; P15023; Q9UJ43; B2R6Q8
Molecular Weight	42,187 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.