

## Human L-Selectin, SELL ELISA Kit | SELL elisa kit

Human L-Selectin, SELL Primacu ELISA Kit

CATALOG #  
**AAA124376**

REACTIVITY  
**Human**

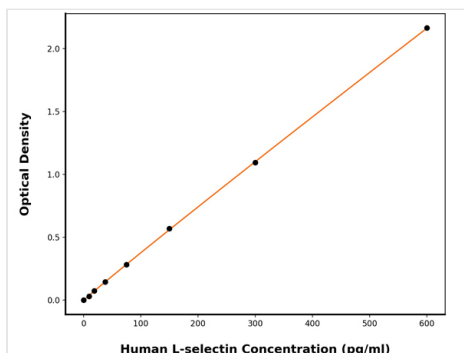
### PRODUCT SYNONYMS

L-Selectin; SELL; Human L-Selectin; SELL Primacu ELISA Kit; L-selectin; LNHR; LYAM1; SELL elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                        |
|-------------------------|----------------------------------------|
| Reactivity              | Human                                  |
| Assay Type              | Sandwich                               |
| Samples                 | Serum, plasma, cell culture supernates |
| Detection Range         | 9.375-600pg/mL                         |
| Sensitivity             | 2.81pg/mL                              |
| Standard Solution       | 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

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|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SELL elisa kit | L-selectin (SELL), also known as CD62L, is a key adhesion molecule that regulates both the migration of leukocytes at sites of inflammation and the recirculation of lymphocytes between blood and lymphoid tissues. It belongs to the selectin family of proteins, and consisting of a large, highly glycosylated, extracellular domain, a single spanning transmembrane domain and a small cytoplasmic tail. L-selectin is the only selectin expressed on leukocytes and mediates a number of leukocyte-endothelial interactions. 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 point. L-selectin-mediated lymphocyte recirculation is required for maintaining the appropriate tissue distribution of lymphocyte subpopulations including naïve and effector subsets such as regulatory T cells. In addition, L-selectin-mediated entry into peripheral lymph nodes is required for optimal induction of lymphocyte homeostatic proliferation during lymphopenia. Importantly, L-selectin has been shown to have both adhesive and signaling functions during leukocyte migration. L-selectin has also been shown to mediate leukocyte recruitment during chronic inflammatory and autoimmune diseases and thus is a potential therapeutic target for drug development. |
| Product Categories/Family for SELL elisa kit   | Primacu ELISA Kit; Stem cells; Cardiovascular; Immunology; Signal transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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.