

# Mouse Selectin, Leukocyte (SELL) ELISA Kit

Catalog No: #EK10033



Package Size: #EK10033-1 48T #EK10033-2 96T

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Mouse Selectin, Leukocyte (SELL) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse ( <i>Mus musculus</i> )
Other Names	CD62L; L-Selectin; SEL-L; LAM1; LECAM1; LNHR; LSEL; LYAM1; Leu-8; Lyam-1; PLNHR; TQ1; HLHRc; MEL14; Lymphocyte Adhesion Molecule 1; Lymph Node Homing Receptor
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

## Application Details

Detect Range:0.625-40 ng/mL

Sensitivity:0.227 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

**Detection Method:**SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate SELL in samples. An antibody specific for SELL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySELL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SELL is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SELL bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**L-selectin, also known as CD62L, is a cell adhesion molecule found on leukocytes. It belongs to the selectin family of proteins, which recognise sialylated carbohydrate groups. It is cleaved by ADAM17.The protein contains a C-type lectin-like domain, a calcium-binding epidermal growth factor-like domain, and two short complement-like repeats.

L-selectin acts as a "homing receptor" for leukocytes to enter tissues at the site of inflammation. Ligands present on endothelial cells will bind to leukocytes expressing L-selectin, causing them to become localised at that point. The receptor is also found on the cell surfaces of "naive" T cells, which have not yet encountered their specific antigen. This surface expression is lost after the cells are activated.

Note: This product is for in vitro research use only