

Human L-Selectin (SELL) ELISA Kit | SELL elisa kit

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CATALOG #
AAA330927

REACTIVITY
Human

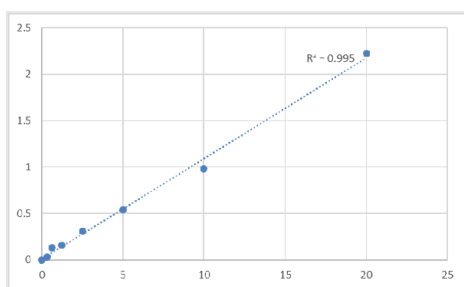
PRODUCT SYNONYMS

L-Selectin (SELL); Human L-Selectin (SELL) ELISA Kit; CD62L; LAM1; LECAM1; LEU8; LNHR; LSEL; LYAM1; PLNHR; TQ1; CD62 antigen-like family member L; gp90-MEL; leukocyte surface antigen Leu-8; leukocyte-endothelial cell adhesion molecule 1; lymph node homing; SELL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human L-Selectin (SELL) ELISA Kit has high sensitivity and excellent specificity for detection of Human SELL. No significant cross-reactivity or interference between Human SELL and analogues was observed.
Sequence Length	385
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human L-Selectin (SELL) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SELL elisa kit	Description: This Human L-Selectin (SELL) ELISA Kit 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 any SELL 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. Background: 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.
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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.