

Porcine L-selectin ELISA Kit | L-selectin elisa kit

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CATALOG #
AAA88450

REACTIVITY
Porcine

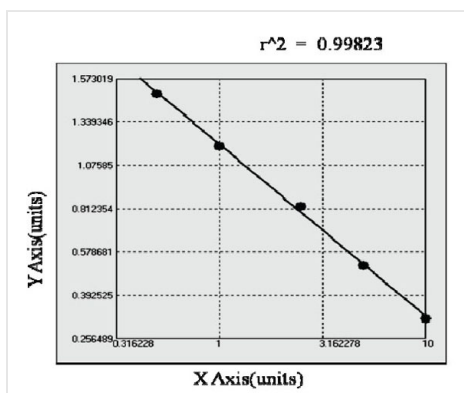
PRODUCT SYNONYMS

L-selectin; Porcine L-selectin ELISA Kit; L-selectin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This L-selectin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine L-selectin. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for L-selectin elisa kit

Principle of the assay: L-selectin ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-L-selectin antibody and an L-selectin-HRP conjugate. The assay sample and buffer are incubated together with L-selectin-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the L-selectin concentration since L-selectin from samples and L-selectin-HRP conjugate compete for the anti-L-selectin antibody binding site. Since the number of sites is limited, as more sites are occupied by L-selectin from the sample, fewer sites are left to bind L-selectin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The L-selectin concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5852072
NCBI GeneID	6402
UniProt Accession #	Q9UJ43; P15023; B2R6Q8; P14151
Molecular Weight	43,618 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.