

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

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CATALOG #
AAA93579

REACTIVITY
Canine

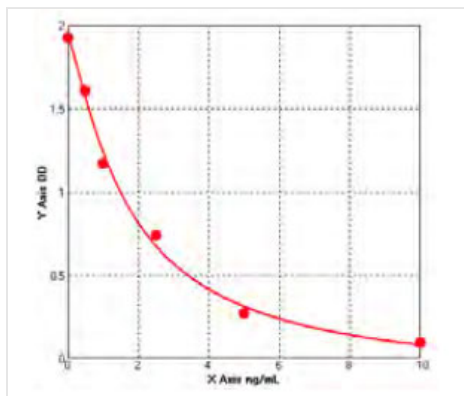
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of SELL. No significant cross-reactivity or interference between SELL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SELL and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
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: SELL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SELL antibody and an SELL-HRP conjugate. The assay sample and buffer are incubated together with SELL-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 SELL concentration since SELL from samples and SELL-HRP conjugate compete for the anti-SELL antibody binding site. Since the number of sites is limited, as more sites are occupied by SELL from the sample, fewer sites are left to bind SELL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SELL concentration in each sample is interpolated from this standard curve. Intended Uses: This SELL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of CanineSELL. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for L-selectin elisa kit	Immunology

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.

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Online datasheet: <https://stage.aaabiotech.com/canine-elisa-kits/l-selectin/93579>