

Rat Selectin, Leukocyte (SELL) CLIA Kit | SELL clia kit

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CATALOG # AAA188836	REACTIVITY Rat	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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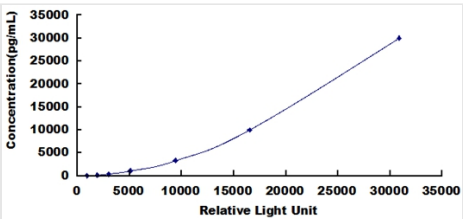
PRODUCT SYNONYMS

Selectin; Leukocyte (SELL); Rat Selectin; Leukocyte (SELL) CLIA Kit; Leukocyte; 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; SELL clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Selectin, Leukocyte (SELL). No significant cross-reactivity or interference between Selectin, Leukocyte (SELL) and analogues was observed.
Sequence Length	372
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	41.2-30,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 17.3pg/mL
Applicable Applications for SELL clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Selectin, Leukocyte (SELL) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Selectin, Leukocyte (SELL) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Selectin, Leukocyte (SELL). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Selectin, Leukocyte (SELL). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Selectin, Leukocyte (SELL) level in the sample or standard.
Preparation and Storage	The stability of 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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	400181
NCBI GeneID	29259
UniProt Accession #	P30836
NCBI Official Full Name	L-selectin
NCBI Official Synonym Full Names	selectin L
NCBI Official Symbol	Sell
NCBI Official Synonym Symbols	A.11; LECAM-1; L-selectin
NCBI Protein Information	L-selectin
UniProt Protein Name	L-selectin
UniProt Gene Name	Sell
UniProt Synonym Gene Names	Lnhr; Ly-22; LAM-1; LECAM1; Ly-22
UniProt Entry Name	LYAM1_RAT

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/rat-clia-kits/selectin-leukocyte-sell/188836>