

Mouse CD62L/L-Selectin/SELL ELISA Kit | CD62L elisa kit

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CATALOG #
AAA258469

REACTIVITY
Mouse

PRODUCT SYNONYMS

CD62L/L-Selectin/SELL; Mouse CD62L/L-Selectin/SELL ELISA Kit; L-selectin ELISA Kit; Mouse; selectin L; AI528707 ELISA Kit; CD62L ELISA Kit; LECAM-1 ELISA Kit; Lnh ELISA Kit; Ly-22 ELISA Kit; Ly-m22 ELISA Kit; Lyam-1 ELISA Kit; Lyam1 ELISA Kit; CD62L elisa kit

PRODUCT SPECIFICATIONS

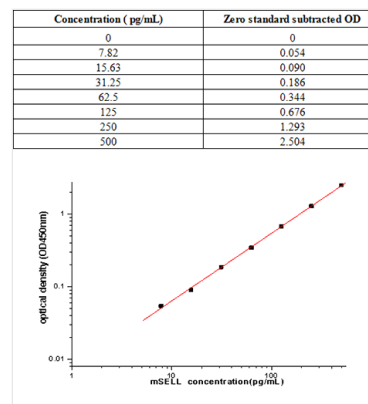
Reactivity	Mouse
Specificity	For the quantitative determination of Mouse CD62L/L-Selectin/SELL concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	7.82-500pg/mL
Sensitivity	5.10pg/mL
Conjugation	HRP
Interference	Preparations of the following factors at 5ng/mL in a mid-range recombinant mouse SELL control were assayed for interference. No significant interference was observed.
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES

Recombinant human			
SELL			
Recombinant mouse			
IL1A	IL1B	IL2	IL12B
TNFA(80-235)	IL6	IFNG	CCL3
VEGF164	IL18R1	IL17a	IL18
IL12A+IL12B	XCL1	ICAM1-Fc	ICAM2-Fc
VCAM1-Fc2h			
Recombinant rat			
ICAM1-Fc4			

Application Data

This assay recognizes both recombinant and natural Mouse SELL. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for CD62L elisa kit	This L-selectin ELISA Kit, Mouse is an enzyme-linked immunosorbent assay for the quantitative measurement of Mouse L-selectin protein in Serum. It contains recombinant Mouse L-selectin, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: L-selectin (SELL), also known as CD62L, is a key adhesion molecule that regulates both the migration of leukocytes at sites of inflammation and the recirculation of lymphocytes between blood and lymphoid tissues. It belongs to the selectin family of proteins, and consisting of a large, highly glycosylated, extracellular domain, a single spanning transmembrane domain and a small cytoplasmic tail. L-selectin is the only selectin expressed on leukocytes and mediates a number of leukocyte-endothelial interactions. L-selectin acts as a "homing receptor" for leukocytes to enter secondary lymphoid tissues via high endothelial venules. Ligands present on endothelial cells will bind to leukocyte expressing L-selectin, slowing leukocyte trafficking through the blood, and facilitating entry into a secondary lymphoid organ at that point. L-selectin-mediated lymphocyte recirculation is required for maintaining the appropriate tissue distribution of lymphocyte subpopulations including naïve and effector subsets such as regulatory T cells. In addition, L-selectin-mediated entry into peripheral lymph nodes is required for optimal induction of lymphocyte homeostatic proliferation during lymphopenia. Importantly, L-selectin has been shown to have both adhesive and signaling functions during leukocyte migration. L-selectin has also been shown to mediate leukocyte recruitment during chronic inflammatory and autoimmune diseases and thus is a potential therapeutic target for drug development.
References	Smalley DM, et al. (2005) L-selectin: mechanisms and physiological significance of ectodomain cleavage. J Cell Mol Med. 9(2): 255-66. Grailer JJ, et al. (2009) L-selectin: role in regulating homeostasis and cutaneous inflammation. J Dermatol Sci. 56(3): 141-7.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cd62l-l-selectin-sell/258469>