

Human SELP/P Selectin ELISA Kit | SELP elisa kit

Human SELP/P Selectin ELISA Kit

CATALOG #
AAA258451

REACTIVITY
Human

PRODUCT SYNONYMS

SELP/P Selectin; Human SELP/P Selectin ELISA Kit; P-Selectin ELISA Kit; Human; selectin P (granule membrane protein 140kDa; antigen CD62; CD62 ELISA Kit; CD62P ELISA Kit; GMP140 ELISA Kit; GRMP ELISA Kit; LECAM3 ELISA Kit; PADGEM ELISA Kit; PSEL ELISA Kit; SELP elisa kit

PRODUCT SPECIFICATIONS

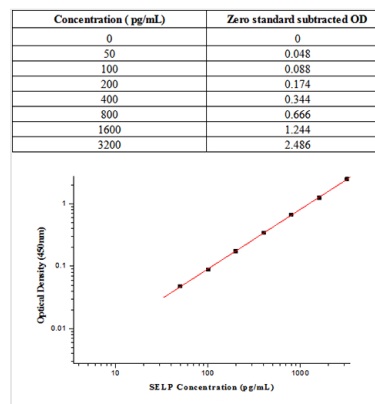
Reactivity	Human
Specificity	For the quantitative determination of SELP/P Selectin concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	50-3200pg/mL
Sensitivity	10.91pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture 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			
IL1	IL2	IL33	IL10
IL8	PDGF	TNF- α	IL4
IL6	IFN- γ	VEGF	MIP-1 β
TIMP1	TIMP2	GM-CSF	SCF
SELL	SELE		
Recombinant mouse			
SELP			
Recombinant rat			
SELP			
Recombinant cynomolgus			
SELP			

Application Data

This assay recognizes both recombinant and natural Human SELP. 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 SELP elisa kit	This P-Selectin ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human P-Selectin protein in Serum. It contains recombinant Human P-Selectin, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: P selectin (SELP) is a 140kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. SELP mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1. P selectin is a cell adhesion molecule on the surface of activated endothelial cells. Cellular adhesion molecules are a large family of proteins that attach the cytoskeleton and intracellular signaling cascades with the extracellular environment. SELP is a calcium-dependent receptor for myeloid cells that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes.
References	Johnson-Tidey RR, et al. (1994) Increase in the adhesion molecule P-selectin in endothelium overlying atherosclerotic plaques. Coexpression with intercellular adhesion molecule-1. Am J Pathol. 144(5):952-61. Walcheck B, et al. (1996) Neutrophil-neutrophil interactions under hydrodynamic shear stress involve L-selectin and PSGL-1. A mechanism that amplifies initial leukocyte accumulation of P-selectin in vitro. J Clin Invest. 98(5):1081-7. Foreman KE, et al. (1994) C5a-induced expression of P-selectin in endothelial cells. J Clin Invest. 94(3):1147-55.

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/human-elisa-kits/selp-p-selectin/258451>