

Mouse P-Selectin/CD62P ELISA Kit | SELP elisa kit

Mouse P-Selectin/CD62P PicoKine Fast ELISA Kit

CATALOG #
AAA125331

REACTIVITY
Mouse

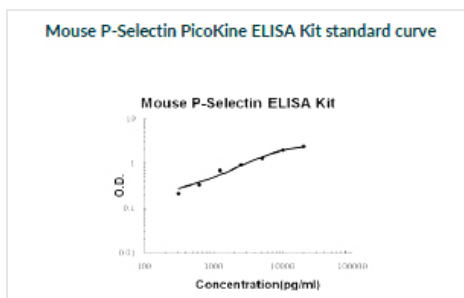
PRODUCT SYNONYMS

P-Selectin/CD62P; Mouse P-Selectin/CD62P PicoKine Fast ELISA Kit; Mouse P-Selectin; P-selectin; CD62 antigen-like family member P; Granule membrane protein 140; GMP-140; Leukocyte-endothelial cell adhesion molecule 3; LECAM3; Platelet activation dependent granule-external membrane protein; PADGEM; CD62P; Selp; Grmp; SELP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Selp
Sequence Length	768
Samples	Cell culture supernates, serum and plasma (citrate)
Detection Range	312pg/ml-20000pg/ml
Sensitivity	<5pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELP elisa kit	Principle of the Assay: The Picokine™ Mouse Selp Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Selp with a 96-well strip plate that is pre-coated with antibody specific for Selp. The detection antibody is a biotinylated antibody specific for Selp. The capture antibody is monoclonal antibody from rat, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Mouse Selp with immunogen: Expression system for standard: NSO; Immunogen sequence: W42-A709. The kit is analytically validated with ready to use reagents. To measure Mouse Selp, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Mouse Selp in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Selp in the sample.!!Background/Introduction: P-selectin, also called GMP-140, CD62, or selectin P, is a 140-kD adhesion molecule, expressed at the surface of activated cells, that mediates the interaction of activated endothelial cells or platelets with leukocytes. It is stored in secretory granules and expressed at the plasma membrane after cell activation. It is known to play an important role in atherosclerosis. The major ligand for P-selectin on leukocytes is P-selectin glycoprotein ligand-1(PSGL-1). The standard product used in this kit is recombinant mouse P-Selectin, excluding intercellular P-Selectin and transmembrane domain. It has 42-709 amino acids sequence with the molecular mass of 99.1KDa. As a result of glycosylation, the molecular mass of 190-200KDa is revealed by SDS-PAGE.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	266459
NCBI GeneID	20344
UniProt Accession #	Q01102
NCBI Official Full Name	P-selectin
NCBI Official Synonym Full Names	selectin, platelet
NCBI Official Symbol	Selp
NCBI Official Synonym Symbols	Grmp; CD62P; LECAM3; PADGEM; GMP-140
NCBI Protein Information	P-selectin
UniProt Protein Name	P-selectin
UniProt Gene Name	Selp
UniProt Synonym Gene Names	Grmp; GMP-140; LECAM3; PADGEM
UniProt Entry Name	LYAM3_MOUSE

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.