

Mouse P-Selectin ELISA Kit | SELP elisa kit

Mouse P-Selectin PicoKine ELISA Kit

CATALOG # AAA45310	REACTIVITY Mouse
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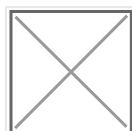
PRODUCT SYNONYMS

P-Selectin; Mouse P-Selectin PicoKine ELISA Kit; P-selectin; selectin P (granule membrane protein 140kDa; antigen CD62); Antigen CD62; CD62; CD62 antigen like family member P; CD62 antigen-like family member P; CD62P; FLJ45155; GMP 140; GMP-140; GMP140; Granule membrane protein 140; Granule membrane protein 140kDa; Granulocyte membrane protein; GRMP; LECAM3; Leukocyte endothelial cell adhesion molecule 3; Leukocyte-endothelial cell adhesion molecule 3; LYAM3_HUMAN; P selectin; PADGEM; Platelet activation dependent granule external membrane protein; Platelet activation dependent granule-external membrane protein; Platelet alpha granule membrane protein; PSEL; Selectin P; Selectin P (granule membrane protein 140kDa antigen CD62); SELP; SELP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse sP-Selectin
Sequence Length	768
Samples	Cell culture supernates, serum and plasma (citrate)
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 5pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse P-Selectin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for SELP elisa kit

Principle of the assay: mouse P-Selectin ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for P-Selectin has been precoated onto 96-well plates. Standards (NSO,W42 - A709) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for P-Selectin is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse P-Selectin amount of sample captured in plate.

Background: 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.¹ It is stored in secretory granules and expressed at the plasma membrane after cell activation.² It is known to play an important role in atherosclerosis.³ The major ligand for P-selectin on leukocytes is P-selectin glycoprotein ligand-1 (PSGL-1).⁴ 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 99.1 kDa. As a result of glycosylation, the molecular mass of 190-200 kDa is revealed by SDS-PAGE.

NCBI AND UNIPROT INFORMATION

NCBI GI #	266459
NCBI GeneID	20344
UniProt Accession #	Q01102; Q32MF1
Molecular Weight	83,099 Da
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; granule membrane protein 140; CD62 antigen-like family member P; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein
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.

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Online datasheet: <https://stage.aaabiotech.com/selp-mouse-elisa-kits/p-selectin/45310>