

Datasheet for ABIN6719935

P-Selectin ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	P-Selectin (SELP)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Mouse P-Selectin Sandwich ELISA Kit for Quantitative Detection
Brand:	AccuSignal™
Sample Type:	Cell Culture Supernatant, Plasma (citrate), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Production: Natural and recombinant mouse sP-Selectin. There is no detectable cross-reactivity with other relevant proteins.
Sensitivity:	< 5 pg/mL
Components:	<ul style="list-style-type: none">• Antibody-coated 96-well plate• Target Protein Standard• Detection antibody

Product Details

- Detection reagent
- Diluent buffers
- Wash buffers
- Substrate Solution
- Stop solutions
- Adhesive covers

Target Details

Target:	P-Selectin (SELP)
Alternative Name:	P-Selectin (SELP Products)
Background:	<p>Synonyms: Antigen CD62, CD62, CD62 antigen like family member P, GMP140, Granule membrane protein 140, Granule membrane protein 140 kDa, GRMP, LECAM3, Leukocyte endothelial cell adhesion molecule 3, Leukocyte-endothelial cell adhesion molecule 3, LYAM3_HUMAN, P selectin, 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</p> <p>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. 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.</p>
Gene ID:	20344
NCBI Accession:	NP_035477
UniProt:	Q01102

Application Details

Application Notes:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL,1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL mouse P-Selectin standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse
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Application Details

	cell culture supernates, serum or plasma(citrate) to each empty well. It is recommended that each mouse P-Selectin standard solution and each sample be measured in duplicate.
Comment:	Standard: Expression system for standard: NSO, Immunogen sequence: W42-A709
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Expiry Date:	12 months

Images

