

Rat selectin P (granule membrane protein 140kDa, antigen CD62) ELISA Kit | SELP elisa kit

Rat P-Selectin ELISA Kit

CATALOG #
AAA79977

REACTIVITY
Rat

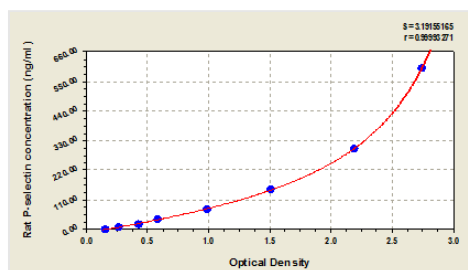
PRODUCT SYNONYMS

selectin P (granule membrane protein 140kDa; antigen CD62); Rat P-Selectin ELISA Kit; Rat P-Selectin ELISA kit; RP1-86F14.2; CD62; CD62P; FLJ45155; GMP140; GRMP; LECAM3; PADGEM; PSEL; OTTHUMP00000032609; granulocyte membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet alpha-granule membrane; SELP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat SELP. No significant cross-reactivity or interference between Rat SELP and analogues was observed.
Sequence Length	768
Samples	Serum, plasma, tissue homogenates
Detection Range	9.38 ng/ml–600 ng/ml
Sensitivity	2.34ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELP elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to P-Selectin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for P-Selectin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain P-Selectin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of P-Selectin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981524
NCBI GeneID	25651
NCBI Accession #	NP_037246.1
NCBI GenBank Nucleotide #	NM_013114.1
UniProt Accession #	P98106
Molecular Weight	83,517 Da
NCBI Official Full Name	P-selectin
NCBI Official Synonym Full Names	selectin P
NCBI Official Symbol	Selp
NCBI Official Synonym Symbols	PSELECT
NCBI Protein Information	P-selectin; LECAM3; PADGEM; GMP-140; selectin, platelet; 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	GMP-140; LECAM3; PADGEM
UniProt Entry Name	LYAM3_RAT

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-rat-elisa-kits/selectin-p-granule-membrane-protein-140kda-antigen-cd62/79977>