

Human Selectin, Platelet (SELP) ELISA Kit | SELP elisa kit

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CATALOG #
AAA137508

REACTIVITY
Human

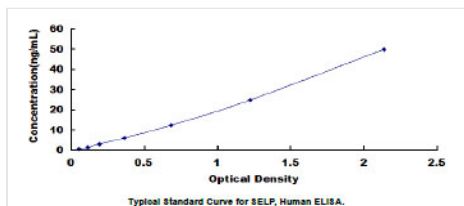
PRODUCT SYNONYMS

Selectin; Platelet (SELP); Human Selectin; Platelet (SELP) ELISA Kit; CD62P; P-Selectin; PSEL; GMP140; LECAM3; GRMP; GMRP; PADGEM; Leukocyte-endothelial cell adhesion molecule 3; Platelet activation dependent granule-external membrane; SELP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SELP. No significant cross-reactivity or interference between SELP and analogues was observed.
Sequence Length	603
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	78-5,000pg/mL
Sensitivity	27pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SELP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SELP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SELP in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SELP. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SELP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SELP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SELP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for SELP elisa kit	CD & Adhesion molecule; Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	149058205
NCBI GeneID	25651
UniProt Accession #	P98106
Molecular Weight	83,517 Da
NCBI Official Full Name	selectin, platelet
NCBI Official Synonym Full Names	selectin P
NCBI Official Symbol	Selp
NCBI Official Synonym Symbols	PSELECT
NCBI Protein Information	P-selectin
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.