

Human P-Selectin Glycoprotein Ligand 1 (PSGL1) ELISA Kit | SELPLG elisa kit

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CATALOG #
AAA219771

REACTIVITY
Human

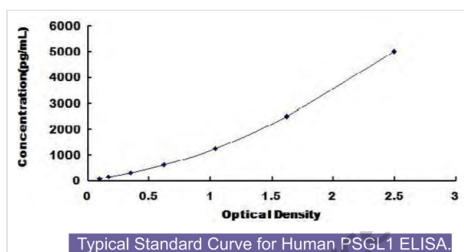
PRODUCT SYNONYMS

P-Selectin Glycoprotein Ligand 1 (PSGL1); Human P-Selectin Glycoprotein Ligand 1 (PSGL1) ELISA Kit; CD162; SELPLG; CLA; Selectin P Ligand; SELPLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PSGL1. No significant cross-reactivity or interference between PSGL1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma or other biological fluids
Detection Range	78.1-5000pg/mL
Sensitivity	< 32.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PSGL1 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 PSGL1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELPLG elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PSGL1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PSGL1. 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 PSGL1, 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 PSGL1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PSGL1 in human serum, plasma or other biological fluids.
Product Categories/Family for SELPLG elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	331284238
NCBI GeneID	6404
NCBI Accession #	NP_001193538.1
NCBI GenBank Nucleotide #	NM_001206609.1
UniProt Accession #	Q14242; Q12775; Q6GTW7; Q8N7J7; A8K2Y0; B4DQC3; B7Z5C7; J3KMX6
Molecular Weight	43,201 Da
NCBI Official Full Name	P-selectin glycoprotein ligand 1 isoform 1
NCBI Official Synonym Full Names	selectin P ligand
NCBI Official Symbol	SELPLG
NCBI Official Synonym Symbols	CLA; CD162; PSGL1; PSGL-1
NCBI Protein Information	P-selectin glycoprotein ligand 1; cutaneous lymphocyte-associated associated antigen
UniProt Protein Name	P-selectin glycoprotein ligand 1
UniProt Gene Name	SELPLG
UniProt Synonym Gene Names	PSGL-1
UniProt Entry Name	SELPL_HUMAN

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.