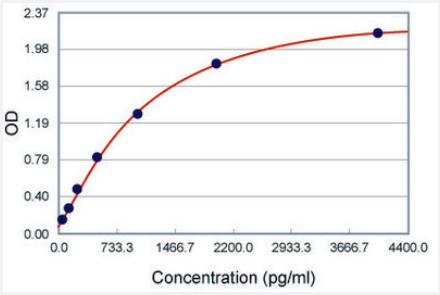
SELP (Human) ELISA Kit

Catalog # KA0548 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	SELP (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human SELP.
Suitable Sample	cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

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- Quantification

Gene Info — SELP

Entrez GeneID	6403
Gene Name	SELP
Gene Alias	CD62, CD62P, FLJ45155, GMP140, GRMP, LECAM3, PADGEM, PSEL
Gene Description	selectin P (granule membrane protein 140kDa, antigen CD62)
Omim ID	147050 173610
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during plat elet activation and degranulation and mediates the interaction of activated endothelial cells or plat elets with leukocytes. The membrane protein is a calcium-dependent receptor that binds to sialyla ted forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Alternative splice variants may occur but are not well documented. [provided by RefSeq
Other Designations	OTTHUMP00000032609|antigen CD62|granulocyte membrane protein|leukocyte-endothelial cell adhesion molecule 3|platelet alpha-granule membrane protein|selectin P|selectin P (granule mem brane protein 140kD, antigen CD62)

Publication Reference

- Maternal, Fetal, and Placental Selectins in Women With Pre-eclampsia; Association With the Renin-Angiotensin-System.

  Hiten D Mistry, Melissa V Hott Ogalde, Fiona Broughton Pipkin, Genevieve Escher, Lesia O Kurlak

  Front Med (Lausanne) 2020 Jul; 7:270.

- Platelet P-selectin facilitates atherosclerotic lesion development.

  Burger PC, Wagner DD.

  Blood 2003 Apr; 101(7):2661.

  Application: Quant, Mouse, Mouse plasma

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- A new member of the sorting nexin family interacts with the C-terminus of P-selectin.

  Florian V, Schluter T, Bohnensack R.

  Biochemical and Biophysical Research Communications 2001 Mar; 281(4):1045.

- The P-selectin gene is highly polymorphic: reduced frequency of the Pro715 allele carriers in patients with myocardial infarction.

  Herrmann SM, Ricard S, Nicaud V, Mallet C, Evans A, Ruidavets JB, Arveiler D, Luc G, Cambien F.

  Human Molecular Genetics 1998 Aug; 7(8):1277.

Pathway

- Cell adhesion molecules (CAMs)

Disease

- Adenocarcinoma
- Albuminuria
- Alzheimer disease
- Anemia
- Asthma
- Atherosclerosis
- Birth Weight
- Blood Coagulation Disorders
- Brain Ischemia
- Bronchial Hyperreactivity
- Bronchopulmonary Dysplasia
- Calcinosis
- Cardiovascular Diseases
- Carotid Artery Diseases

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- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chlamydia Infections
- Chorioamnionitis
- Cognition Disorders
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression
- Edema
- Fetal Membranes
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Glomerulonephritis
- HELLP Syndrome
- Hemorrhage
- Hypercholesterolemia
- Hyperlipidemias
- Hyperlipoproteinemias
- Hypersensitivity
- Hypertension
- Hypertriglyceridemia

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- Inflammation
- Intracranial Arteriosclerosis
- Ischemia
- Kidney Failure
- Leukemia
- Lupus Erythematosus
- Meningeal Neoplasms
- Meningioma
- Metabolic Diseases
- Metabolic Syndrome X
- Migraine Disorders
- Multiple Sclerosis
- Myocardial Infarction
- Neoplasms
- Neuropsychological Tests
- Obesity
- Obstetric Labor
- Osteoporosis
- Overweight
- Postoperative Hemorrhage
- Pre-Eclampsia
- Premature Birth
- Pulmonary Embolism
- Recurrence
- Sepsis
- Stroke

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- Thromboembolism
- Thrombosis
- Trachoma
- Venous Thrombosis
- Werner syndrome

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