

Human Selectin, Endothelium (SELE) ELISA Kit | SELE elisa kit

Human Selectin, Endothelium (SELE) ELISA Kit

CATALOG #
AAA65177

REACTIVITY
Human

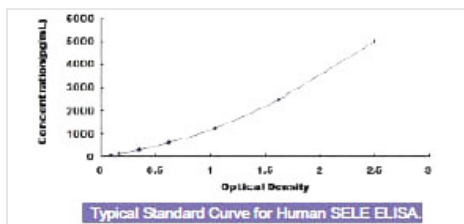
PRODUCT SYNONYMS

Selectin; Endothelium (SELE); Human Selectin; Endothelium (SELE) ELISA Kit; CD62E; CD62-E; E-Selectin; ELAM; ELAM1; ESEL; SEL-E; E-LAM; E-LAM1; E-SEL; LECAM2; Endothelial Leukocyte Adhesion Molecule 1; CD62 Antigen-Like Family Member E; SELE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SELE. No significant cross-reactivity or interference between SELE and analogues was observed.
Sequence Length	610
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	39.062-2500pg/mL
Sensitivity	14pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SELE 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 SELE were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELE elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SELE in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SELE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SELE. 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 SELE, 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 SELE in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	187960042
NCBI GeneID	6401
NCBI Accession #	NP_000441.2
NCBI GenBank Nucleotide #	NM_000450.2
UniProt Accession #	P16581; P16111; A2RRD6
Molecular Weight	66,655 Da
NCBI Official Full Name	E-selectin
NCBI Official Synonym Full Names	selectin E
NCBI Official Symbol	SELE
NCBI Official Synonym Symbols	ELAM; ESEL; CD62E; ELAM1; LECAM2
NCBI Protein Information	E-selectin
UniProt Protein Name	E-selectin
UniProt Gene Name	SELE
UniProt Synonym Gene Names	ELAM1; ELAM-1; LECAM2

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.