

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

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CATALOG #
AAA63645

REACTIVITY
Rabbit

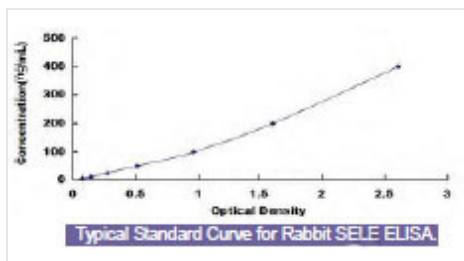
PRODUCT SYNONYMS

Selectin; Endothelium (SELE); Rabbit 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	Rabbit
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	551
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	6.25-400ng/mL
Sensitivity	2.27ng/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 rabbit serum, plasma 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161760654
NCBI GeneID	100009151
NCBI Accession #	NP_001075781.1
NCBI GenBank Nucleotide #	NM_001082312.1
UniProt Accession #	P27113
Molecular Weight	60,347 Da
NCBI Official Full Name	E-selectin
NCBI Official Symbol	SELE
NCBI Official Synonym Symbols	ELAM1
NCBI Protein Information	E-selectin
UniProt Protein Name	E-selectin
UniProt Gene Name	SELE
UniProt Synonym Gene Names	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.