

Human E-Selectin (SELE) ELISA Kit | SELE elisa kit

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CATALOG #
AAA330930

REACTIVITY
Human

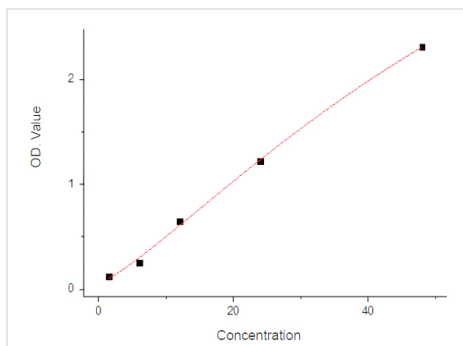
PRODUCT SYNONYMS

E-Selectin (SELE); Human E-Selectin (SELE) ELISA Kit; SELE; RP1-117P20.2; CD62E; ELAM; ELAM1; ESEL; LECAM2; endothelial adhesion molecule 1; leukocyte endothelial cell adhesion molecule 2; SELE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	610
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELE elisa kit

Principle of the Assay: Human E-Selectin (SELE) ELISA Kit employs a two-site sandwich ELISA to quantitate SELE in samples. An antibody specific for SELE has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SELE present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human SELE detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SELE bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: E-Selectin (CD62E) is a 115 kDa glycoprotein, only expressed on endothelial cells after activation by interleukin 1 (IL-1), tumor necrosis factor alpha (TNFalpha) or bacterial lipopolysaccharides. After endothelial cell stimulation, newly synthesized E-selectin is rapidly detected, with a maximal surface expression after 3-6 h and a return to basal levels within 24 h. This rapid downregulation, although not completely understood, has been explained by the release of a soluble form of E-selectin, and internalization of the molecule. This regulation of E-selectin expression might be crucial to control leukocyte accumulation in inflammatory responses.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187960042
NCBI GeneID	6401
NCBI Accession #	NP_000441.2
NCBI GenBank Nucleotide #	NP_000441.2
UniProt Accession #	P16581
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
UniProt Entry Name	LYAM2_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/e-selectin-sele/330930>