

Rat selectin E ELISA Kit | SELE elisa kit

Rat soluble E-selectin, sE-selectin ELISA Kit

CATALOG #
AAA80328

REACTIVITY
Rat

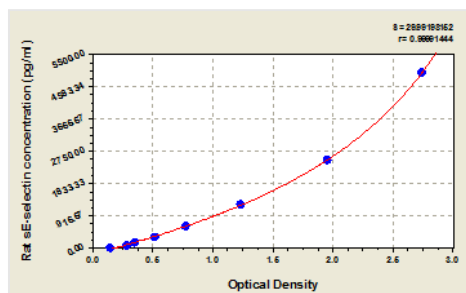
PRODUCT SYNONYMS

selectin E; Rat soluble E-selectin; sE-selectin ELISA Kit; RP1-117P20.2; CD62E; ELAM; ELAM1; ESEL; LECAM2; endothelial adhesion molecule 1; leukocyte endothelial cell adhesion molecule 2; SELE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat SELE. No significant cross-reactivity or interference between Rat SELE and analogues was observed.
Sequence Length	551
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	19.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SELE elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sE-selectin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sE-selectin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sE-selectin is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of sE-selectin bound in the initial step. The color development is stopped and the intensity of the color is measured.
References	Atypical antipsychotics such as risperidone, but not paliperidone, worsen vascular endothelial function via upregulation of adhesion molecules VCAM-1, ICAM-1, and E-selectin in diabetic rats. Sawsan Aboul-Fotouh, Nesreen Elgayar (2013)

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; ELAM-1; LECAM2; CD62 antigen-like family member E; endothelial leukocyte adhesion molecule 1; selectin E (endothelial adhesion molecule 1); leukocyte-endothelial cell adhesion molecule 2
UniProt Protein Name	E-selectin
UniProt Gene Name	SELE
UniProt Synonym Gene Names	ELAM-1; LECAM2
UniProt Entry Name	LYAM2_RABIT

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://www.aaabiotech.com/sele-rat-elisa-kits/selectin-e/80328>