

Sheep Endothelial Selectin ELISA Kit | E-selectin elisa kit

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CATALOG #
AAA91167

REACTIVITY
Sheep

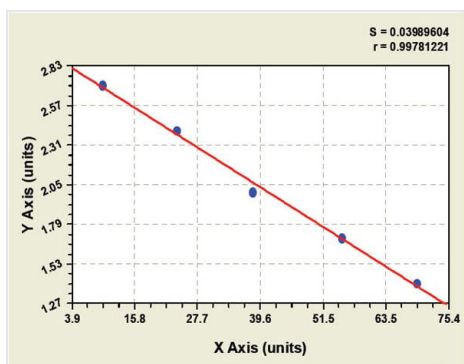
PRODUCT SYNONYMS

Endothelial Selectin; Sheep Endothelial Selectin ELISA Kit; E-selectin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This E-selectin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep E-selectin. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for E-selectin elisa kit

Principle of the Assay: E-selectin ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-E-selectin antibody and an E-selectin-HRP conjugate. The assay sample and buffer are incubated together with E-selectin-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the E-selectin concentration since E-selectin from samples and E-selectin-HRP conjugate compete for the anti-E-selectin antibody binding site. Since the number of sites is limited, as more sites are occupied by E-selectin from the sample, fewer sites are left to bind E-selectin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The E-selectin concentration in each sample is interpolated from this standard curve.

Product Categories/Family for E-selectin elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119611266
NCBI GeneID	6401
Molecular Weight	66,655 Da
NCBI Official Full Name	selectin E (endothelial adhesion molecule 1)
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; ELAM-1; endothelial adhesion molecule 1; CD62 antigen-like family member E; endothelial leukocyte adhesion molecule 1; leukocyte endothelial cell adhesion molecule 2; leukocyte-endothelial cell adhesion molecule 2
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/e-selectin-sheep-elisa-kits/endothelial-selectin/91167>