

Canine Endothelial Selectin ELISA Kit | E-selectin elisa kit

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CATALOG #
AAA89285

REACTIVITY
Canine

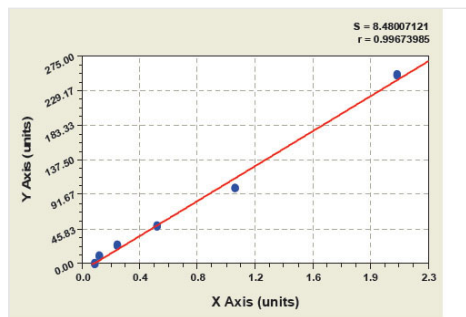
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This E-selectin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for E-selectin. Standards or samples are then added to the microtiter plate wells and E-selectin if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of E-selectin present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for E-selectin are added to each well to "sandwich" the E-selectin immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain E-selectin and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

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-canine-elisa-kits/endothelial-selectin/89285>