

Dog selectin P (granule membrane protein 140kDa, antigen CD62) ELISA Kit | SELP elisa kit

Dog P-selectin, SELP ELISA Kit

CATALOG #
AAA112756

REACTIVITY
Dog

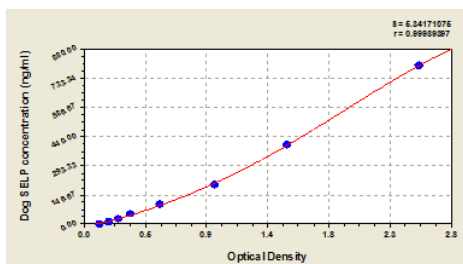
PRODUCT SYNONYMS

selectin P (granule membrane protein 140kDa; antigen CD62); Dog P-selectin; SELP ELISA Kit; Dog P-selectin (SELP) ELISA kit; RP1-86F14.2; CD62; CD62P; FLJ45155; GMP140; GRMP; LECAM3; PADGEM; PSEL; OTTHUMP00000032609; granulocyte membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet alpha-granule membrane; SELP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog SELP. No significant cross-reactivity or interference between dog SELP and analogues was observed.
Sequence Length	646
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	12.5 ng/ml-800 ng/ml.
Sensitivity	The minimum detectable dose of dog SELP is typically less than 3.12 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 SELP elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SELP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SELP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SELP 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 SELP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27806409
NCBI GeneID	281486
NCBI Accession #	NP_776608.1
NCBI GenBank Nucleotide #	NM_174183.2
UniProt Accession #	P42201
Molecular Weight	71,229 Da
NCBI Official Full Name	P-selectin
NCBI Official Synonym Full Names	selectin P (granule membrane protein 140kDa, antigen CD62)
NCBI Official Symbol	SELP
NCBI Protein Information	P-selectin; LECAM3; PADGEM; GMP-140; granule membrane protein 140; CD62 antigen-like family member P; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein
UniProt Protein Name	P-selectin
UniProt Gene Name	SELP
UniProt Synonym Gene Names	GMP-140; LECAM3; PADGEM
UniProt Entry Name	LYAM3_BOVIN

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/selp-dog-elisa-kits/selectin-p-granule-membrane-protein-140kda-antigen-cd62/112756>