

Porcine P selectin ELISA Kit | PS elisa kit

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CATALOG #
AAA16718

REACTIVITY
Porcine

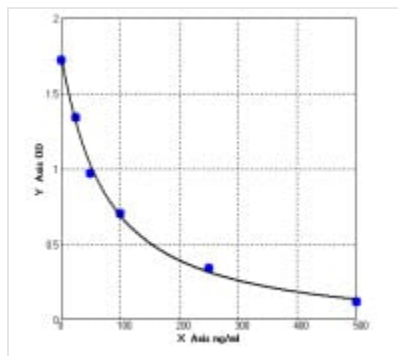
PRODUCT SYNONYMS

P selectin; Porcine P selectin ELISA Kit; PS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of SELP. No significant cross-reactivity or interference between SELP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SELP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PS elisa kit	Principle of the Assay: SELP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SELP antibody and an SELP-HRP conjugate. The assay sample and buffer are incubated together with SELP-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 SELP concentration since SELP from samples and SELP-HRP conjugate compete for the anti-SELP antibody binding site. Since the number of sites is limited, as more sites are occupied by SELP from the sample, fewer sites are left to bind SELP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SELP concentration in each sample is interpolated from this standard curve. Intended Uses: This SELP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine SELP. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for PS elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	157419154
NCBI GeneID	6403
NCBI Accession #	NP_002996.2
NCBI GenBank Nucleotide #	NM_003005.3
Molecular Weight	90,834 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 Official Synonym Symbols	CD62; GRMP; PSEL; CD62P; GMP140; LECAM3; PADGEM
NCBI Protein Information	P-selectin; GMP-140; granule membrane protein 140; granulocyte membrane protein; CD62 antigen-like family member P; platelet alpha-granule membrane protein; 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	GMRP; GRMP; GMP-140; LECAM3; PADGEM
UniProt Entry Name	LYAM3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ps-porcine-elisa-kits/p-selectin/16718>