

Bovine P selectin ELISA Kit | P-selectin elisa kit

Bovine P selectin ELISA Kit

CATALOG #
AAA88430

REACTIVITY
Bovine

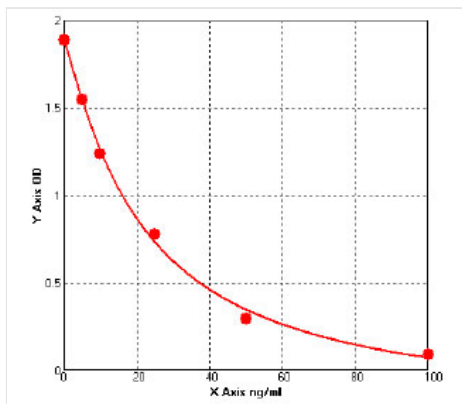
PRODUCT SYNONYMS

P selectin; Bovine P selectin ELISA Kit; P-selectin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of PSEL. No significant cross-reactivity or interference between PSEL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PSEL and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 P-selectin elisa kit	Intended Uses: This PSEL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine PSEL. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: PSEL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PSEL antibody and an PSEL-HRP conjugate. The assay sample and buffer are incubated together with PSEL-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 PSEL concentration since PSEL from samples and PSEL-HRP conjugate compete for the anti-PSEL antibody binding site. Since the number of sites is limited, as more sites are occupied by PSEL from the sample, fewer sites are left to bind PSEL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PSEL concentration in each sample is interpolated from this standard curve.
Product Categories/Family for P-selectin 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.