

Sheep P selectin ELISA Kit | P-selectin elisa kit

Sheep P selectin ELISA Kit

CATALOG #
AAA89545

REACTIVITY
Sheep

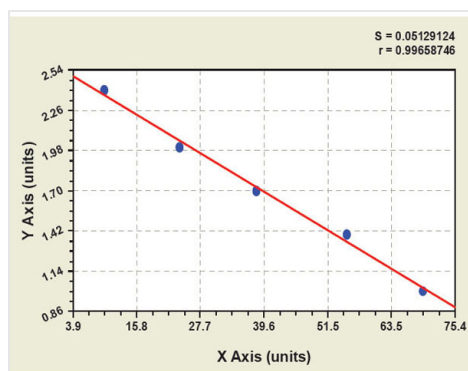
PRODUCT SYNONYMS

P selectin; Sheep P selectin ELISA Kit; P-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 P-selectin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep P-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 P-selectin elisa kit

Principle of the assay: P-selectin ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-P-selectin antibody and an P-selectin-HRP conjugate. The assay sample and buffer are incubated together with P-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 P-selectin concentration since P-selectin from samples and P-selectin-HRP conjugate compete for the anti-P-selectin antibody binding site. Since the number of sites is limited, as more sites are occupied by P-selectin from the sample, fewer sites are left to bind P-selectin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The P-selectin 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/p-selectin-sheep-elisa-kits/p-selectin/89545>