

SLPI elisa kit

Mouse SLPI PicoKine ELISA Kit

CATALOG #
AAA125119

REACTIVITY
Mouse There is no detectable cross-reactivity with other relevant proteins.

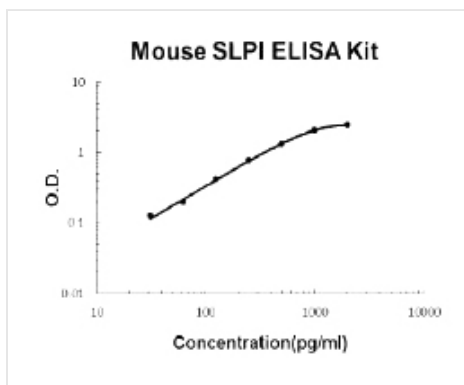
PRODUCT SYNONYMS

SLPI; Mouse SLPI PicoKine ELISA Kit; Mouse SLPI; Antileukoproteinase; ALP; Secretory leukocyte protease inhibitor; Slpi; SLPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Mouse Serpinf2
Sequence Length	131
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta, Citrate)
Detection Range	1.56ng/ml-100ng/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLPI elisa kit	Principle of the Assay: The Picokine Mouse Serpinf2 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Serpinf2 with a 96-well strip plate that is pre-coated with antibody specific for Serpinf2. The detection antibody is a biotinylated antibody specific for Serpinf2. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Serpinf2 with immunogen: Expression system for standard: NSO, Immunogen sequence: N40-K491. The kit is analytically validated with ready to use reagents. To measure Mouse Serpinf2, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Mouse Serpinf2 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Serpinf2 in the sample!!Background/Introduction: Alpha-2-antiplasmin is a serine protease inhibitor (serpin) responsible for inactivating plasmin. Plasmin is an important enzyme that participates in fibrinolysis and degradation of various other proteins. This protein is encoded by the SERPINF2 gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755574
NCBI GeneID	20568
NCBI Accession #	NP_035544.1
NCBI GenBank Nucleotide #	NM_011414.3
UniProt Accession #	P97430; O09081; O09082
Molecular Weight	14,308 Da
NCBI Official Full Name	antileukoproteinase
NCBI Official Synonym Full Names	secretory leukocyte peptidase inhibitor
NCBI Official Symbol	Slpi
NCBI Official Synonym Symbols	ALP
NCBI Protein Information	antileukoproteinase
UniProt Protein Name	Antileukoproteinase
UniProt Gene Name	Slpi
UniProt Synonym Gene Names	ALP

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/mouse-elisa-kits/slpi/125119>