

Human secretory leukocyte peptidase inhibitor ELISA Kit | SLPI elisa kit

Human secretory leukocyte protease inhibitor, SLPI ELISA Kit

CATALOG #
AAA80595

REACTIVITY
Human

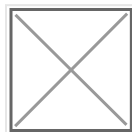
PRODUCT SYNONYMS

secretory leukocyte peptidase inhibitor; Human secretory leukocyte protease inhibitor; SLPI ELISA Kit; ALK1; ALP; BLPI; HUSI; HUSI-I; MPI; WAP4; WFDC4; WAP four-disulfide core domain 4; antileukoproteinase; mucus proteinase inhibitor; secretory leukocyte protease inhibitor (antileukoproteinase) ; seminal; SLPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SLPI. No significant cross-reactivity or interference between human SLPI and analogues was observed.
Sequence Length	132
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	<7.81 pg/ml
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 SLPI elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SLPI has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLPI present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SLPI 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 SLPI bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507065
NCBI GeneID	6590
NCBI Accession #	NP_003055.1
NCBI GenBank Nucleotide #	NM_003064.3
UniProt Accession #	P03973; P07757; B2R5H8
Molecular Weight	14,326 Da
NCBI Official Full Name	antileukoproteinase
NCBI Official Synonym Full Names	secretory leukocyte peptidase inhibitor
NCBI Official Symbol	SLPI
NCBI Official Synonym Symbols	ALP; MPI; ALK1; BLPI; HUSI; WAP4; WFDC4; HUSI-I
NCBI Protein Information	antileukoproteinase; HUSI-1; protease inhibitor WAP4; mucus proteinase inhibitor; seminal proteinase inhibitor; WAP four-disulfide core domain protein 4; secretory leukocyte protease inhibitor (antileukoproteinase)
UniProt Protein Name	Antileukoproteinase
UniProt Gene Name	SLPI
UniProt Synonym Gene Names	WAP4; WFDC4; ALP; MPI
UniProt Entry Name	SLPI_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.

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Online datasheet: <https://stage.aaabiotech.com/slpi-human-elisa-kits/secretory-leukocyte-peptidase-inhibitor/80595>