

Mouse Secretory Leukocyte Peptidase Inhibitor (SLPI) CLIA Kit | SLPI clia kit

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CATALOG #
AAA129771

REACTIVITY
Mouse

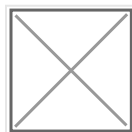
PRODUCT SYNONYMS

Secretory Leukocyte Peptidase Inhibitor (SLPI); Mouse Secretory Leukocyte Peptidase Inhibitor (SLPI) CLIA Kit; ALK1; ALP; MPI; BLPI; HUSI; HUSI-I; WAP4; WFDC4; Antileukoproteinase; Seminal proteinase inhibitor; Mucus proteinase inhibitor; WAP four-disulfide core domain protein 4; SLPI clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Secretory Leukocyte Peptidase Inhibitor (SLPI). No significant cross-reactivity or interference between Secretory Leukocyte Peptidase Inhibitor (SLPI) and analogues was observed.
Sequence Length	132
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	1.37-1,000pg/mL
Sensitivity	0.64pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Secretory Leukocyte Peptidase Inhibitor (SLPI) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Secretory Leukocyte Peptidase Inhibitor (SLPI) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLPI clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Secretory Leukocyte Peptidase Inhibitor (SLPI). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Secretory Leukocyte Peptidase Inhibitor (SLPI). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Secretory Leukocyte Peptidase Inhibitor (SLPI) level in the sample or standard.;
Product Categories/Family for SLPI clia kit	Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	119596275
NCBI GeneID	6590
UniProt Accession #	P03973; P07757; B2R5H8
Molecular Weight	14,326 Da
NCBI Official Full Name	secretory leukocyte peptidase inhibitor
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
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/mouse-clia-kits/secretory-leukocyte-peptidase-inhibitor-slpi/129771>