

Mouse Serine Peptidase Inhibitor Kazal Type 5 (SPINK5) ELISA Kit | SPINK5 elisa kit

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CATALOG #
AAA67947

REACTIVITY
Mouse

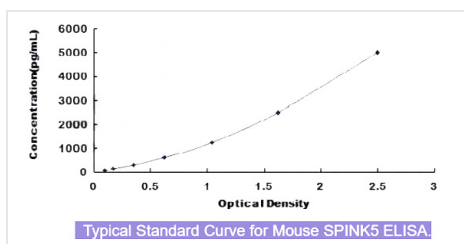
PRODUCT SYNONYMS

Serine Peptidase Inhibitor Kazal Type 5 (SPINK5); Mouse Serine Peptidase Inhibitor Kazal Type 5 (SPINK5) ELISA Kit; LEKTI; LETKI; NETS; NS; VAKTI; Lymphoepithelial Kazal-Type-Related Inhibitor; Lympho-epithelial Kazal-type-related inhibitor; SPINK5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SPINK5. No significant cross-reactivity or interference between SPINK5 and analogues was observed.
Sequence Length	1,017
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates or other biological fluids
Detection Range	78.1-5000pg/mL
Sensitivity	< 28pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SPINK5 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SPINK5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPINK5 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SPINK5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SPINK5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SPINK5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of SPINK5 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SPINK5 in mouse tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124487159
NCBI GeneID	72432
NCBI Accession #	NP_001074649.1
NCBI GenBank Nucleotide #	NM_001081180.1
UniProt Accession #	Q148R4
Molecular Weight	114,891 Da
NCBI Official Full Name	serine protease inhibitor Kazal-type 5
NCBI Official Synonym Full Names	serine peptidase inhibitor, Kazal type 5
NCBI Official Symbol	Spink5
NCBI Official Synonym Symbols	LEKT1; LETK1; VAKT1; AV238912; 2310065D10Rik
NCBI Protein Information	serine protease inhibitor Kazal-type 5
UniProt Protein Name	Protein Spink5
UniProt Gene Name	Spink5

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/mouse-elisa-kits/serine-peptidase-inhibitor-kazal-type-5-spink5/67947>