

Human serine peptidase inhibitor, Kazal type 5 ELISA Kit | SPINK5 elisa kit

Human Serine protease inhibitor Kazal-type 5, SPINK5 ELISA Kit

CATALOG #
AAA18353

REACTIVITY
Human

PRODUCT SYNONYMS

serine peptidase inhibitor; Kazal type 5; Human Serine protease inhibitor Kazal-type 5; SPINK5 ELISA Kit; Human Serine protease inhibitor Kazal-type 5 (SPINK5) ELISA kit; DKFZp686K19184; FLJ21544; FLJ97536; FLJ97596; FLJ99794; LEKTI; LETKI; NETS; NS; VAKTI; OTTHUMP00000165952; lymphoepithelial Kazal-type-related inhibitor; serine protease inhibitor; SPINK5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SPINK5. No significant cross-reactivity or interference between human SPINK5 and analogues was observed.
Sequence Length	1094
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 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 SPINK5 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SPINK5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPINK5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPINK5 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 SPINK5 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189163501
NCBI GeneID	11005
NCBI Accession #	NP_001121170.1
NCBI GenBank Nucleotide #	NM_001127698.1
UniProt Accession #	Q9NQ38; O75770; Q3LX95; Q3LX96; Q3LX97; Q96PP2; Q96PP3; A8MYE8; B7WPB7; D6REN5
Molecular Weight	120,714 Da
NCBI Official Full Name	serine protease inhibitor Kazal-type 5 isoform a
UniProt Protein Name	Serine protease inhibitor Kazal-type 5
UniProt Gene Name	SPINK5
UniProt Synonym Gene Names	LEKTI
UniProt Entry Name	ISK5_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/spink5-human-elisa-kits/serine-peptidase-inhibitor-kazal-type-5/18353>