

Human Serine Protease Inhibitor Kazal-Type 4, SPINK4 ELISA Kit | SPINK4 elisa kit

Human Serine Protease Inhibitor Kazal-Type 4, SPINK4 Primacu ELISA Kit

CATALOG #
AAA124314

REACTIVITY
Human

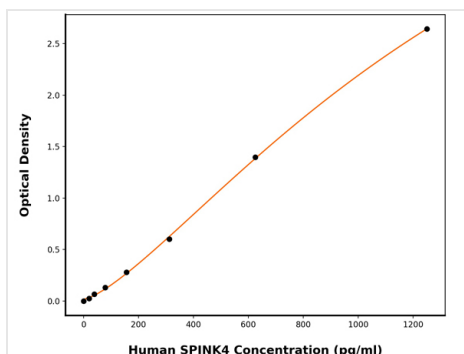
PRODUCT SYNONYMS

Serine Protease Inhibitor Kazal-Type 4; SPINK4; Human Serine Protease Inhibitor Kazal-Type 4; SPINK4 Primacu ELISA Kit; Serine protease inhibitor Kazal-type 4; SPINK4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	19.53-1250pg/mL
Sensitivity	5.76pg/mL
Standard Solution	12.5ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for SPINK4 elisa kit

Serine protease inhibitor Kazal-type 4, also known as Peptide PEC-6 homolog and SPINK4, is a secreted protein that contains one Kazal-like domain. SPINK4 is a member of the SPINK protein family. The gene family of serine protease inhibitors of the Kazal type (SPINK) are functional and positional candidate genes for celiac disease (CD). SPINK1 plays an important role in protecting the pancreas against excessive trypsinogen activation. It is a potent natural inhibitor of pancreatic trypsin activity. SPINK1 mutations are associated with the development of acute and chronic pancreatitis and have been detected in all forms of chronic pancreatitis. SPINK2 functions as a trypsin/acrosin inhibitor and is synthesized mainly in the testis and seminal vesicle where its activity is engaged infertility. The SPINK2 protein contains a typical Kazal domain composed by six cysteine residues forming three disulfide bridges. SPINK9 was identified in human skin. Its expression was strong in palmar epidermis, but not detectable or very low in non palmoplantar skin.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657453
NCBI GeneID	27290
NCBI Accession #	NP_055286.1
NCBI GenBank Nucleotide #	NM_014471.1
UniProt Accession #	O60575; Q2YDT7
Molecular Weight	9,454 Da
NCBI Official Full Name	serine protease inhibitor Kazal-type 4
NCBI Official Synonym Full Names	serine peptidase inhibitor, Kazal type 4
NCBI Official Symbol	SPINK4
NCBI Official Synonym Symbols	PEC60; HEL136; PEC-60
NCBI Protein Information	serine protease inhibitor Kazal-type 4; peptide PEC-60 homolog; gastrointestinal peptide; epididymis luminal protein 136; serine protease inhibitor, Kazal type 4
UniProt Protein Name	Serine protease inhibitor Kazal-type 4
UniProt Gene Name	SPINK4
UniProt Entry Name	ISK4_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/human-elisa-kits/serine-protease-inhibitor-kazal-type-4-spink4/124314>