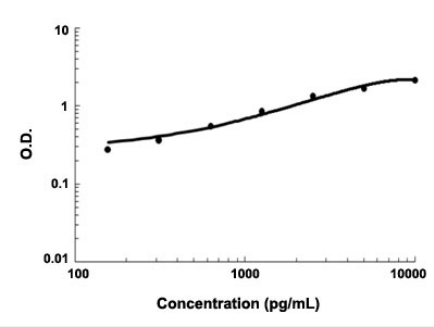
SPINK1 (Human) ELISA Kit

Catalog # KA4275 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	SPINK1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human SPINK1.
Suitable Sample	Cell culture supernates, Plasma (heparin) and Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10,000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

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- Quantification

Gene Info — SPINK1

Entrez GeneID	6690
Gene Name	SPINK1
Gene Alias	PCTT, PSTI, Spink3, TATI
Gene Description	serine peptidase inhibitor, Kazal type 1
Omim ID	167790 167800 608189
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a trypsin inhibitor, which is secreted from pancreatic acinar cells into pancreatic juice. It is thought to function in the prevention of trypsin-catalyzed premature activation of zymogens within the pancreas and the pancreatic duct. Mutations in this gene are associated with hereditary pancreatitis and tropical calcific pancreatitis. [provided by RefSeq
Other Designations	pancreatic secretory trypsin inhibitor|serine protease inhibitor, Kazal type 1|tumor-associated trypsin inhibitor

Publication Reference

- SPINK1 promotes cell growth and metastasis of lung adenocarcinoma and acts as a novel prognostic biomarker.

  Liyun Xu, ChangChang Lu, Yanyan Huang, Jihang Zhou, Xincheng Wang, ChaoWu Liu, Jun Chen, Hanbo Le

  BMB Rep 2018 Dec; 51(12):648-653.

Disease

- Acute Disease
- Adenocarcinoma
- Calcinosis

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- Celiac Disease
- Chromosome Deletion
- Chronic Disease
- Cystic fibrosis
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Exocrine Pancreatic Insufficiency
- Fatty Liver
- Fibrosis
- Genetic Predisposition to Disease
- HIV Infections
- Hyperlipidemias
- Hyperparathyroidism
- Insulin Resistance
- Kidney Failure
- Pancreatic cancer
- Pancreatic Diseases
- Pancreatic Neoplasms
- Pancreatitis
- Recurrence
- Syndrome

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