

Human serine peptidase inhibitor, Kazal type 6 ELISA Kit | SPINK6 elisa kit

Human Serine protease inhibitor Kazal-type 6, SPINK6 ELISA Kit

CATALOG #
AAA112847

REACTIVITY
Human

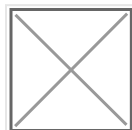
PRODUCT SYNONYMS

serine peptidase inhibitor; Kazal type 6; Human Serine protease inhibitor Kazal-type 6; SPINK6 ELISA Kit; Human Serine protease inhibitor Kazal-type 6 (SPINK6) ELISA kit; BUSI2; MGC21394; UNQ844; acrosin inhibitor; protease inhibitor H; serine protease inhibitor; SPINK6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse SP-D. No significant cross-reactivity or interference between mouse SP-D and analogues was observed.
Sequence Length	80
Samples	Serum, Plasma, Cell Culture Supernates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	0.39 ng/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 SPINK6 elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	305632839
NCBI GeneID	404203
NCBI Accession #	NP_001182219.1
NCBI GenBank Nucleotide #	NM_001195290.1
UniProt Accession #	Q6UWN8; Q8N5P0; E0X656
Molecular Weight	8,585 Da
NCBI Official Full Name	serine protease inhibitor Kazal-type 6
NCBI Official Synonym Full Names	serine peptidase inhibitor, Kazal type 6
NCBI Official Symbol	SPINK6
NCBI Official Synonym Symbols	BUSI2; UNQ844
NCBI Protein Information	serine protease inhibitor Kazal-type 6; acrosin inhibitor; kallikrein inhibitor; protease inhibitor H
UniProt Protein Name	Serine protease inhibitor Kazal-type 6
UniProt Gene Name	SPINK6
UniProt Synonym Gene Names	UNQ844/PRO1782
UniProt Entry Name	ISK6_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/spink6-human-elisa-kits/serine-peptidase-inhibitor-kazal-type-6/112847>