Human Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 3 (SPLUNC3) ELISA Kit | SPLUNC3 elisa kit

Human Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 3 (SPLUNC3) ELISA Kit

CATALOG #	REACTIVITY
AAA67547	**Human**

PRODUCT SYNONYMS

Short Palate; Lung And Nasal Epithelium Carcinoma Associated Protein 3 (SPLUNC3); Human Short Palate; Lung And Nasal Epithelium Carcinoma Associated Protein 3 (SPLUNC3) ELISA Kit; SPLUNC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SPLUNC3. No significant cross-reactivity or interference between SPLUNC3 and analogues was observed.
Sequence Length	218
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SPLUNC3 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 SPLUNC3 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 SPLUNC3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SPLUNC3 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SPLUNC3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SPLUNC3. 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 SPLUNC3, 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 SPLUNC3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109627656
NCBI GeneID	128861
NCBI Accession #	NP_001035904.1
NCBI GenBank Nucleotide #	NM_001042439.2
UniProt Accession #	Q9BQP9; Q5JWG8; Q6NZ38
Molecular Weight	24,360 Da
NCBI Official Full Name	BPI fold-containing family A member 3 isoform 2
NCBI Official Synonym Full Names	BPI fold containing family A member 3
NCBI Official Symbol	BPIFA3
NCBI Official Synonym Symbols	SPLUNC3; C20orf71
NCBI Protein Information	BPI fold-containing family A member 3
UniProt Protein Name	BPI fold-containing family A member 3
UniProt Gene Name	**BPIFA3**
UniProt Synonym Gene Names	C20orf71; SPLUNC3

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/human-elisa-kits/short-palate-lung-and-nasal-epithelium-carcinoma-associated-protein-3-splunc3/67547