Human Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2) ELISA Kit | SPLUNC2 elisa kit

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CATALOG #	REACTIVITY
AAA188012	**Human**

PRODUCT SYNONYMS

Short Palate; Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2); Human Short Palate; Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2) ELISA Kit; BPIFA2; PSP; C20orf70; BPI fold-containing family A member 2; Parotid secretory protein; SPLUNC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2). No significant cross-reactivity or interference between Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2) and analogues was observed.
Sequence Length	238
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.063ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPLUNC2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2). 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 Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2), 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 Short Palate, Lung And Nasal Epithelium Carcinoma Associated Protein 2 (SPLUNC2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523310
NCBI GeneID	396649
NCBI Accession #	NP_998932.1
NCBI GenBank Nucleotide #	NM_213767.2
NCBI Official Full Name	BPI fold-containing family A member 2
NCBI Official Symbol	BPIFA2
NCBI Official Synonym Symbols	PSP
NCBI Protein Information	BPI fold-containing family A member 2

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/short-palate-lung-and-nasal-epithelium-carcinoma-associated-protein-2-splunc2/188012