

Mouse Pulmonary surfactant-associated protein C ELISA Kit | Sftpc elisa kit

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CATALOG #
AAA194348

REACTIVITY
Mouse

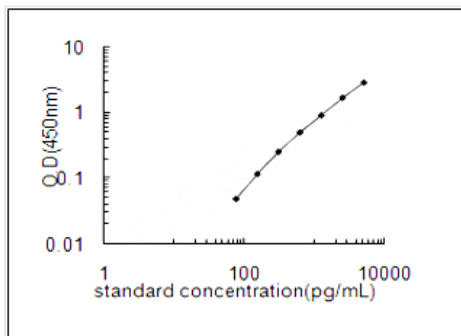
PRODUCT SYNONYMS

Pulmonary surfactant-associated protein C; Mouse Pulmonary surfactant-associated protein C ELISA Kit; SP-C; Pulmonary surfactant-associated proteolipid SPL(Val); SP5; Sftpc; Sftpc2; Sftpc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse SP-C. No significant cross-reactivity or interference was observed.
Sequence Length	193
Assay Type	Sandwich
Detection Range	0.39-25 ng/mL
Sensitivity	0.195 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=10.4%
Recovery	105%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sftpc elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse pulmonary surfactant-associated protein c,SP-C concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SP-C. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SP-C and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain SP-C, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of SP-C in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	131426
NCBI GeneID	20389
UniProt Accession #	P21841
Molecular Weight	21,055 Da
NCBI Official Full Name	Pulmonary surfactant-associated protein C
UniProt Protein Name	Pulmonary surfactant-associated protein C
UniProt Gene Name	Sftpc
UniProt Synonym Gene Names	Sftp2; SP-C
UniProt Entry Name	PSPC_MOUSE

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/sftpc-mouse-elisa-kits/pulmonary-surfactant-associated-protein-c/194348>