

Bovine Pulmonary surfactant-associated protein B ELISA Kit | SFTPB elisa kit

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CATALOG #
AAA193299

REACTIVITY
Bovine

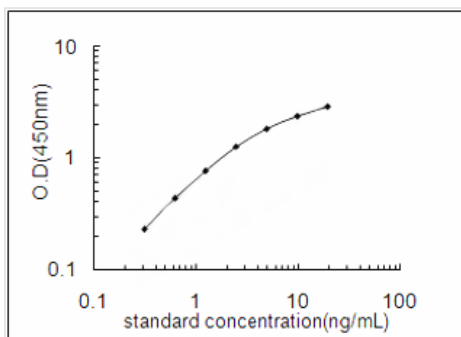
PRODUCT SYNONYMS

Pulmonary surfactant-associated protein B; Bovine Pulmonary surfactant-associated protein B ELISA Kit; SP-B; 6 kDa protein; Pulmonary surfactant-associated proteolipid SPL(Phe); SFTPB; SFTP3; SFTPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Recombinant and natural Bovine Pulmonary surfactant-associated protein B,SP-B
Sequence Length	373
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.2%
Inter-assay Precision	Inter-Assay CV: <=8.3%
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 SFTPB elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115496840
NCBI GeneID	507398
NCBI Accession #	NP_001068779.1
NCBI GenBank Nucleotide #	NM_001075311.2
UniProt Accession #	P15781; Q148E8
Molecular Weight	41,060 Da
NCBI Official Full Name	pulmonary surfactant-associated protein B
NCBI Official Symbol	SFTPB
NCBI Protein Information	pulmonary surfactant-associated protein B
UniProt Protein Name	Pulmonary surfactant-associated protein B
UniProt Gene Name	SFTPB
UniProt Synonym Gene Names	SFTP3; SP-B
UniProt Entry Name	PSPB_BOVIN

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/sftpb-bovine-ovine-elisa-kits/pulmonary-surfactant-associated-protein-b/193299>