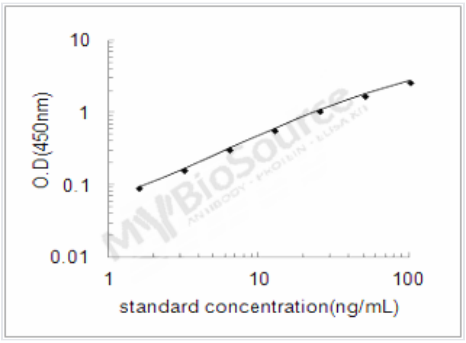
Pulmonary Surfactant-Associated Protein B (SFTPB) ELISA Kit for Pig

PRODUCT OVERVIEW

Product Name	Pulmonary surfactant-associated protein B (SFTPB), ELISA Kit
Full Product Name	Pig Pulmonary surfactant-associated protein B ELISA Kit
Product Gene Name	SFTPB elisa kit
Species Reactivity	Pig
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.
Molecular Weight	8,714 Da
3D Structure	ModBase 3D Structure for P15782
Related Product Information for SFTPB elisa kit	MBS288026 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Pulmonary surfactant-associated protein B (SFTPB) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing SFTPB. The ELISA analytical biochemical technique of the MBS288026 kit is based on SFTPB antibody-SFTPB antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect SFTPB antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, SFTPB. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of SFTPB elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Typical Testing Data/Standard Curve (for reference only) of SFTPB elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SFTPB. It may not necessarily be applicable to this product.

NCBI GI #	131419
NCBI Accession #	P15782.1
UniProt Primary Accession #	P15782
NCBI Official Full Name	Pulmonary surfactant-associated protein B
UniProt Protein Name	Pulmonary surfactant-associated protein B
UniProt Synonym Protein Names	8 kDa protein; Pulmonary surfactant-associated proteolipid SPL(Phe)
Protein Family	Pulmonary surfactant-associated protein

UniProt Gene Name	SFTPB
UniProt Synonym Gene Names	SFTP3; SP-B
UniProt Entry Name	PSPB_PIG
UniProt Comments for SFTPB	Pulmonary surfactant-associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces. SP-B increases the collapse pressure of palmitic acid to nearly 70 millinewtons per meter.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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