

Porcine Pulmonary surfactant-associated protein B, SP-B ELISA Kit | SP-B elisa kit

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CATALOG #
AAA123297

REACTIVITY
Porcine

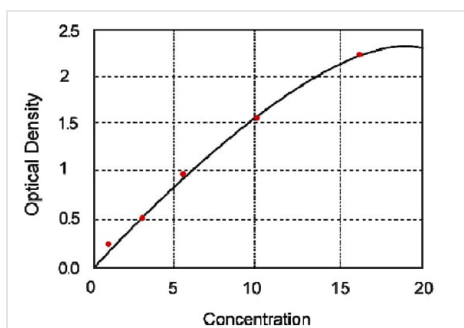
PRODUCT SYNONYMS

Pulmonary surfactant-associated protein B; SP-B; Porcine Pulmonary surfactant-associated protein B; SP-B ELISA Kit; SP-B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	369
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	7-1500ng/mL
Sensitivity	3.32ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SP-B elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Porcine SP-B antibody. SP-B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Porcine SP-B Antibody is added and binds to SP-B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SP-B antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Porcine SP-B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Porcine Pulmonary surfactant-associated protein B (also known as SP-B) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723505
NCBI GenBank Nucleotide #	NP_001075812.1
UniProt Accession #	P15285
NCBI Official Full Name	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_RABIT

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/porcine-elisa-kits/pulmonary-surfactant-associated-protein-b-sp-b/123297>