

Mouse Pulmonary surfatcant-associated protein B, SP-B ELISA Kit | SP-B elisa kit

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CATALOG #
AAA43531

REACTIVITY
Mouse

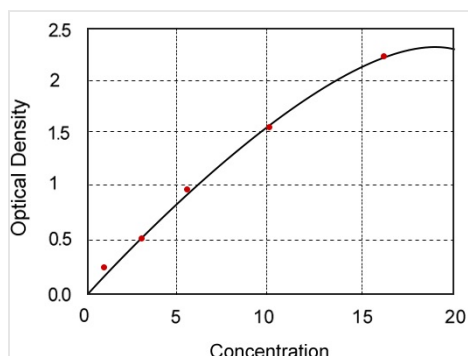
PRODUCT SYNONYMS

Pulmonary surfatcant-associated protein B; SP-B; Mouse Pulmonary surfatcant-associated protein B; SP-B ELISA Kit; SP-B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	393
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.251ng/ml
Intra-Assay	CV<8%
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

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Pulmonary Surfatcant-associated Protein B (also known as SP-B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse SP-B antibody. SP-B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 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 Mouse SP-B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	288856299
NCBI GeneID	6439
NCBI Accession #	NP_000533.3
NCBI GenBank Nucleotide #	NM_000542.3
UniProt Accession #	P07988; Q96R04
Molecular Weight	42,117 Da
NCBI Official Full Name	pulmonary surfactant-associated protein B
NCBI Official Synonym Full Names	surfactant protein B
NCBI Official Symbol	SFTPB
NCBI Official Synonym Symbols	SP-B; PSP-B; SFTB3; SFTP3; SMDP1
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

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/mouse-elisa-kits/pulmonary-surfatcant-associated-protein-b-sp-b/43531>