

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

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CATALOG #
AAA42964

REACTIVITY
Human

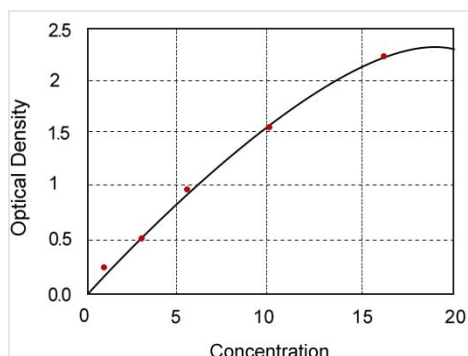
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	393
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml - 600ng/ml
Sensitivity	1.12ng/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 human 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 human SP-B antibody. SP-B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human 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 human 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/pulmonary-surfatcant-associated-protein-b-sp-b/42964>