

Human SPB (Surfactant Associated Protein B) ELISA Kit | SPB elisa kit

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CATALOG #
AAA270378

REACTIVITY
Human

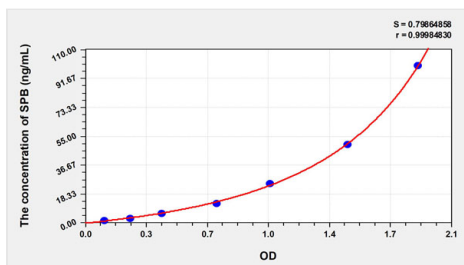
PRODUCT SYNONYMS

SPB (Surfactant Associated Protein B); Human SPB (Surfactant Associated Protein B) ELISA Kit; SFTPB; PSPB; SFTB3; SFTP3; SP-B; Pulmonary Surfactant Protein B; 18 kDa pulmonary-surfactant protein; 6 kDa protein; SPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	serum, plasma, lung lavage fluid, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Sandwich
Detection Range	1.57-100 ng/mL
Sensitivity	0.61 ng/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPB elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Surfactant Associated Protein B (SPB). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Surfactant Associated Protein B (SPB). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Surfactant Associated Protein B (SPB), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Surfactant Associated Protein B (SPB) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for SPB elisa kit

[Tumor immunity](#); [Infection immunity](#); [Pulmonology](#)

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/human-elisa-kits/spb-surfactant-associated-protein-b/270378>