

Human SPB ELISA Kit | SPB elisa kit

Human SPB (Pulmonary Surfactant Associated Protein B) ELISA Kit

CATALOG #
AAA165353

REACTIVITY
Human

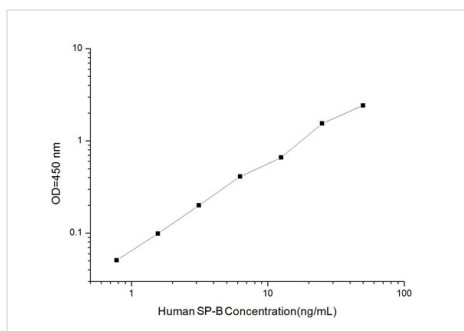
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human SPB. No significant cross-reactivity or interference between Human SPB and analogues was observed.
Sequence Length	104
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPB elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human SPB concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to SPB. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for SPB and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain SPB, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of SPB. You can calculate the concentration of SPB in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1835978
Molecular Weight	11,541 Da
NCBI Official Full Name	SPB
UniProt Protein Name	Photosynthetic regulatory protein
UniProt Gene Name	spb
UniProt Entry Name	P95680_RHOSH

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/165353>