

Human SPA (Pulmonary Surfactant Associated Protein A) CLIA Kit | SPA clia kit

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CATALOG #
AAA170835

REACTIVITY
Human

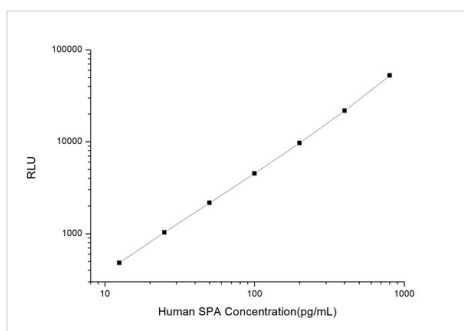
PRODUCT SYNONYMS

SPA (Pulmonary Surfactant Associated Protein A); Human SPA (Pulmonary Surfactant Associated Protein A) CLIA Kit; SPA clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant SPA. No significant cross-reactivity or interference between SPA and analogues was observed.
Sequence Length	249
Assay Type	Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	Min: 7.5pg/mL; Max: 800pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPA clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of SPA concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to SPA. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for SPA 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 SPA, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of SPA. You can calculate the concentration of SPA in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523604
NCBI GeneID	397503
NCBI Accession #	NP_999430.1
NCBI GenBank Nucleotide #	NM_214265.1
Molecular Weight	26,702 Da
NCBI Official Full Name	pulmonary surfactant-associated protein A
NCBI Official Symbol	SFTPA1
NCBI Official Synonym Symbols	PSP-A; SFTPA
NCBI Protein Information	pulmonary surfactant-associated protein A
UniProt Protein Name	Pulmonary surfactant-associated protein A
UniProt Gene Name	SFTPA1
UniProt Synonym Gene Names	SFTP1; SFTPA; PSAP; PSP-A; SP-A
UniProt Entry Name	SFTPA_PIG

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-clia-kits/spa-pulmonary-surfactant-associated-protein-a/170835>