

Human Pulmonary surfactant-associated protein C, SP-C ELISA Kit | SP-C elisa kit

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CATALOG #
AAA41564

REACTIVITY
Human

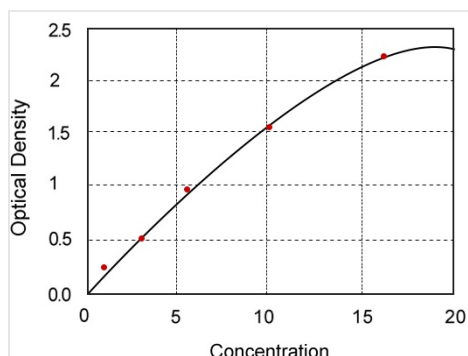
PRODUCT SYNONYMS

Pulmonary surfactant-associated protein C; SP-C; Human Pulmonary surfactant-associated protein C; SP-C ELISA Kit; SP-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	191
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.11ng/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-C elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Pulmonary Surfactant-Associated Protein C (also known as SP-C) 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-C antibody. SP-C present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SP-C Antibody is added and binds to SP-C in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SP-C 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-C. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	288915543
NCBI GeneID	6440
NCBI Accession #	NP_001165828.1
NCBI GenBank Nucleotide #	NM_001172357.1
UniProt Accession #	P11686; P11687; Q12793; Q7Z5D0; A6XNE4; B2RE00; E9PGX3
Molecular Weight	20,361 Da
NCBI Official Full Name	pulmonary surfactant-associated protein C isoform 2
NCBI Official Synonym Full Names	surfactant protein C
NCBI Official Symbol	SFTPC
NCBI Official Synonym Symbols	SP-C; PSP-C; SFTP2; SMDP2; BRICD6
NCBI Protein Information	pulmonary surfactant-associated protein C
UniProt Protein Name	Pulmonary surfactant-associated protein C
UniProt Gene Name	SFTPC
UniProt Synonym Gene Names	SFTP2; SP-C

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/pulmonary-surfatcant-associated-protein-c-sp-c/41564>