

Rat Surfactant Associated Protein C (SPC) RTU ELISA Kit | SPC rtu elisa kit

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CATALOG #
AAA218537

REACTIVITY
Rat

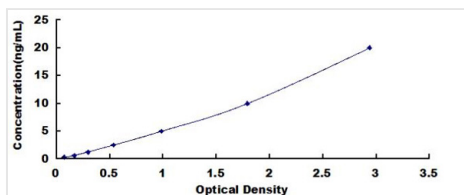
PRODUCT SYNONYMS

Surfactant Associated Protein C (SPC); Rat Surfactant Associated Protein C (SPC) ELISA Kit; SFTPC; PSP-C; SFTP2; SP-C; SP5; Pulmonary Surfactant Protein C; Pulmonary surfactant-associated proteolipid SPL(Val); SPC rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	194
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates, Lung Lavage Fluid or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.147ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPC rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SPC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SPC. 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 SPC, 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 $\pm$ 10nm. The concentration of SPC in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8394341
NCBI GeneID	50683
NCBI Accession #	NP_059038.1
NCBI GenBank Nucleotide #	NM_017342.2
UniProt Accession #	P11685; Q52MA6
Molecular Weight	21,043 Da
NCBI Official Full Name	pulmonary surfactant-associated protein C
NCBI Official Synonym Full Names	surfactant protein C
NCBI Official Symbol	Sftpc
NCBI Official Synonym Symbols	SP-C
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://www.aaabiotech.com/rat-rtu-elisa-kits/surfactant-associated-protein-c-spc/218537>