

Bovine surfactant protein C ELISA Kit | SFTPC elisa kit

Bovine pulmonary surfactant-associated protein C, SP-C ELISA Kit

CATALOG #
AAA79578

REACTIVITY
Bovine

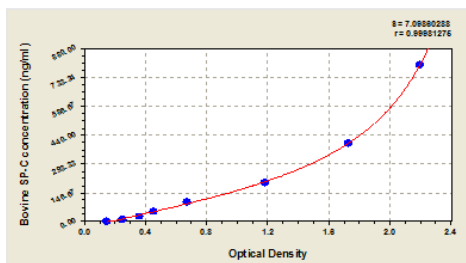
PRODUCT SYNONYMS

surfactant protein C; Bovine pulmonary surfactant-associated protein C; SP-C ELISA Kit; PSP-C; SFTP2; SMDP2; SP-C; pulmonary surfactant apoprotein-2 SP-C; surfactant; pulmonary-associated protein C; SFTPC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse SPARCL1. No significant cross-reactivity or interference between mouse SPARCL1 and analogues was observed.
Sequence Length	190
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	19.5 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SFTPC elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SPARCL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPARCL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPARCL1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SPARCL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27806143
NCBI GeneID	282071
NCBI Accession #	NP_776887.1
NCBI GenBank Nucleotide #	NM_174462.4
UniProt Accession #	P15783; P15784; Q9BDX5; A4FV06
Molecular Weight	20,440 Da
NCBI Official Full Name	pulmonary surfactant-associated protein C
NCBI Official Synonym Full Names	surfactant protein C
NCBI Official Symbol	SFTPC
NCBI Protein Information	pulmonary surfactant-associated protein C; SP-C; surfactant, pulmonary-associated protein C; pulmonary surfactant-associated proteolipid SPL(Val)
UniProt Protein Name	Pulmonary surfactant-associated protein C
UniProt Gene Name	SFTPC
UniProt Synonym Gene Names	SFTP2; SP-C
UniProt Entry Name	PSPC_BOVIN

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/sftpc-bovine-ovine-elisa-kits/surfactant-protein-c/79578>