

Rat Surfactant Associated Protein D (SPD) ELISA Kit | SPD elisa kit

Rat Surfactant Associated Protein D (SPD)

CATALOG #
AAA54757

REACTIVITY
Rat

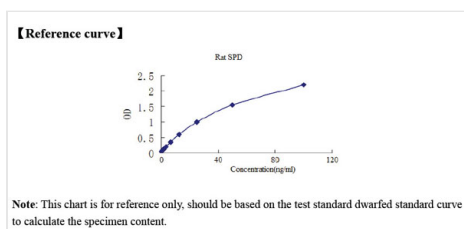
PRODUCT SYNONYMS

Surfactant Associated Protein D (SPD); Rat Surfactant Associated Protein D (SPD); SPD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	374
Samples	Rat serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant SPD concentration
Assay Type	Sandwich
Detection Range	100 ng/ml-1.56 ng/ml
Sensitivity	0.5 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPD elisa kit

Principle of the assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat SPD monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13277590
NCBI GeneID	20390

Molecular Weight	37,688 Da
NCBI Official Full Name	Surfactant associated protein D
NCBI Official Synonym Full Names	surfactant associated protein D
NCBI Official Symbol	Sftpd
NCBI Official Synonym Symbols	SP-D; Sftp4; AI573415
NCBI Protein Information	pulmonary surfactant-associated protein D; PSP-D; lung surfactant protein D
UniProt Protein Name	Pulmonary surfactant-associated protein D
UniProt Gene Name	Sftpd
UniProt Synonym Gene Names	Sftp4; PSP-D; SP-D
UniProt Entry Name	SFTPD_MOUSE

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/rat-elisa-kits/surfactant-associated-protein-d-spd/54757>