

Dog SPA (Surfactant Associated Protein A) ELISA Kit | SPA elisa kit

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CATALOG #
AAA278493

REACTIVITY
Dog

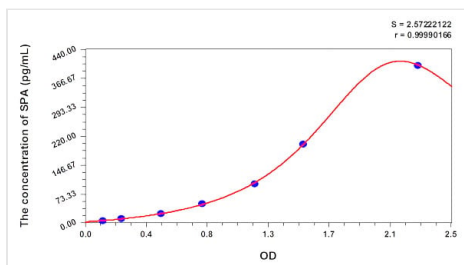
PRODUCT SYNONYMS

SPA (Surfactant Associated Protein A); Dog SPA (Surfactant Associated Protein A) ELISA Kit; PRL; SFTPA; PSAP; PSPA; SFTP; SFTPA1; COLEC4; PSP-A; SFTP1; SFTPA1B; SP-A1; Collectin-4; Alveolar proteinosis protein; 35 kDa pulmonary surfactant-associated protein; SPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Assay Type	Sandwich
Samples	Serum, plasma, lung lavage fluid, tissue homogenates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.16ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPA elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Dog SPA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog SPA. 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 Dog SPA, 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 +/- 10nm. The concentration of Dog SPA in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for SPA elisa kit

[Infection immunity](#); [Pulmonology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	1172693
UniProt Accession #	P06908
Molecular Weight	26,269 Da

NCBI Official Full Name	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_CANFA

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/dog-elisa-kits/spa-surfactant-associated-protein-a/278493>