

Sheep Pulmonary Surfactant Associated Protein A ELISA Kit | SPA elisa kit

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CATALOG # AAA90782	REACTIVITY Sheep
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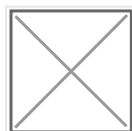
PRODUCT SYNONYMS

Pulmonary Surfactant Associated Protein A; Sheep Pulmonary Surfactant Associated Protein A ELISA Kit; SPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This SPA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep SPA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPA elisa kit	Principle of the Assay: SPA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SPA antibody and an SPA-HRP conjugate. The assay sample and buffer are incubated together with SPA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SPA concentration since SPA from samples and SPA-HRP conjugate compete for the anti-SPA antibody binding site. Since the number of sites is limited, as more sites are occupied by SPA from the sample, fewer sites are left to bind SPA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SPA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SPA elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1680117
NCBI Official Full Name	SPA

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/spa-sheep-elisa-kits/pulmonary-surfactant-associated-protein-a/90782>