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Product Datasheet

Pig SPA(Surfactant Associated Protein A) ELISA Kit EBT-ELK5699

Article Name	Pig SPA(Surfactant Associated Protein A) ELISA Kit
Biozol Catalog Number	EBT-ELK5699
Supplier Catalog Number	ELK5699
Alternative Catalog Number	EBT-ELK5699-96, EBT-ELK5699-48, EBT-ELK5699-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.35 ng/mL
UniProt	P49874
Samples	serum, plasma, lung lavage fluid, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Pulmonology,. 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 Pig SPA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig 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 Pig 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 Pig SPA in the samples is then determined by comparing the OD of the samples to the standard curve