

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Sheep Surfactant Associated Protein B (SPB) ELISA Kit BYT-ORB782669

Article Name	Sheep Surfactant Associated Protein B (SPB) ELISA Kit
Biozol Catalog Number	BYT-ORB782669
Supplier Catalog Number	orb782669
Alternative Catalog Number	BYT-ORB782669-48, BYT-ORB782669-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Sheep
Product Description	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 Surfactant Associated Protein B(SPB)....
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.56 ng/mL
Samples	serum, plasma, lung lavage fluid, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 100 ng/mL. 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 Sheep SPB. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep SPB. 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 Sheep SPB, 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 Sheep SPB in the samples is then determined by comparing the OD of the samples to the standard curve