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## Product Datasheet

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

Artikelname	Sheep Surfactant Associated Protein B (SPB) ELISA Kit
Artikelnummer	BYT-ORB782669
Hersteller Artikelnummer	orb782669
Alternativnummer	BYT-ORB782669-48, BYT-ORB782669-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Sheep
Produktbeschreibung	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)....
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.56 ng/mL
Proben	serum, plasma, lung lavage fluid, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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