

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

Product Datasheet

Dog SPD(Surfactant Associated Protein D) ELISA Kit EBT-ELK11214

Article Name	Dog SPD(Surfactant Associated Protein D) ELISA Kit
Biozol Catalog Number	EBT-ELK11214
Supplier Catalog Number	ELK11214
Alternative Catalog Number	EBT-ELK11214-96, EBT-ELK11214-48, EBT-ELK11214-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.069 ng/mL
Samples	serum, plasma, tissue homogenates, lung lavage fluid 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 Dog SPD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog SPD. 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 SPD, 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 SPD in the samples is then determined by comparing the OD of the samples to the standard curve