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## Product Datasheet

### **Dog Surfactant Associated Protein A2 (SPA2) ELISA Kit BYT-ORB1291286**

Article Name	Dog Surfactant Associated Protein A2 (SPA2) ELISA Kit
Biozol Catalog Number	BYT-ORB1291286
Supplier Catalog Number	orb1291286
Alternative Catalog Number	BYT-ORB1291286-48, BYT-ORB1291286-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Canine
Product Description	Dog SPA2 (Surfactant Associated Protein A2) ELISA Kit...
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.059 ng/mL
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 10 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 Dog SPA2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog SPA2. 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 SPA2, 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 SPA2 in the samples is then determined by comparing the OD of the samples to the standard curve