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## Product Datasheet

### Dog C Reactive Protein (CRP) ELISA Kit BYT-ORB2667446

Article Name	Dog C Reactive Protein (CRP) ELISA Kit
Biozol Catalog Number	BYT-ORB2667446
Supplier Catalog Number	orb2667446
Alternative Catalog Number	BYT-ORB2667446-48,BYT-ORB2667446-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Canine
Product Description	Dog C Reactive Protein (CRP) ELISA Kit...
Range	7.81-500 ng/mL
Sensitivity	0.112 ng/mL
Samples	Serum, plasma and other biological fluids.

Application Notes

Application Notes: standard: 500 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 CRP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog CRP. 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 CRP, 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 CRP in the samples is then determined by comparing the OD of the samples to the standard curve