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Product Datasheet

Dog CRP(C Reactive Protein) ELISA Kit EBT-ELK10979

Article Name	Dog CRP(C Reactive Protein) ELISA Kit
Biozol Catalog Number	EBT-ELK10979
Supplier Catalog Number	ELK10979
Alternative Catalog Number	EBT-ELK10979-96, EBT-ELK10979-96X5, EBT-ELK10979-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	500 ng/mL
Range	7.81-500 ng/mL
Sensitivity	0.112 ng/mL
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Infection immunity, Cardiovascular biology, Rheumatology, .
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