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## Product Datasheet

### Sheep CRP(C-Reactive Protein) ELISA Kit EBT-ELK10879

Article Name	Sheep CRP(C-Reactive Protein) ELISA Kit
Biozol Catalog Number	EBT-ELK10879
Supplier Catalog Number	ELK10879
Alternative Catalog Number	EBT-ELK10879-96, EBT-ELK10879-96X5, EBT-ELK10879-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Sheep
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 sheep CRP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to sheep 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 sheep 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 sheep CRP in the samples is then determined by comparing the OD of the samples to the standard curve