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## Product Datasheet

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

Artikelname	Sheep CRP(C-Reactive Protein) ELISA Kit
Artikelnummer	EBT-ELK10879
Hersteller Artikelnummer	ELK10879
Alternativnummer	EBT-ELK10879-96, EBT-ELK10879-96X5, EBT-ELK10879-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Sheep
Konzentration	500 ng/mL
Detektionsbereich	7.81-500 ng/mL
Sensitivitaet	0.112 ng/mL
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Anwendungsbeschreibung

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