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## Product Datasheet

### Rat CRP(C Reactive Protein) ELISA Kit EBT-ELK9996

Article Name	Rat CRP(C Reactive Protein) ELISA Kit
Biozol Catalog Number	EBT-ELK9996
Supplier Catalog Number	ELK9996
Alternative Catalog Number	EBT-ELK9996-96, EBT-ELK9996-96X5, EBT-ELK9996-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	50 µg/mL
Range	0.78-50 µg/mL
Sensitivity	0.29 µg/mL
UniProt	<a href="#">P48199</a>
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes	<p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Infection immunity, Cardiovascular biology, Rheumatology, .</p> <p>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 Rat CRP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat CRP in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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