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Product Datasheet

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

Artikelname	Rat CRP(C Reactive Protein) ELISA Kit
Artikelnummer	EBT-ELK9996
Hersteller Artikelnummer	ELK9996
Alternativnummer	EBT-ELK9996-96, EBT-ELK9996-96X5, EBT-ELK9996-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	50 µg/mL
Detektionsbereich	0.78-50 µg/mL
Sensitivitaet	0.29 µg/mL
UniProt	P48199
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 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
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