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Product Datasheet

EasyStep Human hs-CRP(high sensitivity C Reactive Protein) ELISA Kit EBT-ELK037ES

Article Name	EasyStep Human hs-CRP(high sensitivity C Reactive Protein) ELISA Kit
Biozol Catalog Number	EBT-ELK037ES
Supplier Catalog Number	ELK037ES
Alternative Catalog Number	EBT-ELK037ES-96, EBT-ELK037ES-48, EBT-ELK037ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	21 pg/mL
UniProt	P02741
Samples	Serum, plasma

Application Notes	<p>Assay Type: Sandwich. Assay length: 1.5h. 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 Human CRP, and the Human CRP standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human CRP. After TMB substrate solution is added, only those wells that contain Human CRP and HRP-conjugated antibody 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 Human CRP in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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