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Product Datasheet

Rat PF4(Platelet Factor 4) ELISA Kit EBT-ELK10422

Article Name	Rat PF4(Platelet Factor 4) ELISA Kit
Biozol Catalog Number	EBT-ELK10422
Supplier Catalog Number	ELK10422
Alternative Catalog Number	EBT-ELK10422-96, EBT-ELK10422-48, EBT-ELK10422-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	1000 ng/mL
Range	15.63-1000 ng/mL
Sensitivity	5.1 ng/mL
UniProt	P06765
Samples	serum, platelet-poor plasma and cell culture supernates

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine,Hematology,. 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 PF4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat PF4. 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 PF4, 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 PF4 in the samples is then determined by comparing the OD of the samples to the standard curve