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Product Datasheet

Pig PF4(Platelet Factor 4) ELISA Kit EBT-ELK10699

Article Name	Pig PF4(Platelet Factor 4) ELISA Kit
Biozol Catalog Number	EBT-ELK10699
Supplier Catalog Number	ELK10699
Alternative Catalog Number	EBT-ELK10699-96, EBT-ELK10699-96X5, EBT-ELK10699-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	1000 ng/mL
Range	15.63-1000 ng/mL
Sensitivity	6.5 ng/mL
UniProt	P30034
Samples	Plasma.

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 Pig PF4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig 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 Pig 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 Pig PF4 in the samples is then determined by comparing the OD of the samples to the standard curve