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Product Datasheet

Rat F7(Coagulation Factor VII) ELISA Kit EBT-ELK10750

Article Name	Rat F7(Coagulation Factor VII) ELISA Kit
Biozol Catalog Number	EBT-ELK10750
Supplier Catalog Number	ELK10750
Alternative Catalog Number	EBT-ELK10750-96, EBT-ELK10750-96X5, EBT-ELK10750-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	1000 ng/mL
Range	15.63-1000 ng/mL
Sensitivity	12.4 pg/mL
UniProt	Q8K3U6
Samples	Plasma

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Infection immunity, 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 F7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat F7. 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 F7, 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 F7 in the samples is then determined by comparing the OD of the samples to the standard curve