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Product Datasheet

Human F13A1(Coagulation Factor XIII A1 Polypeptide) ELISA Kit EBT-ELK1762

Article Name	Human F13A1(Coagulation Factor XIII A1 Polypeptide) ELISA Kit
Biozol Catalog Number	EBT-ELK1762
Supplier Catalog Number	ELK1762
Alternative Catalog Number	EBT-ELK1762-96, EBT-ELK1762-48, EBT-ELK1762-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	12 ng/mL
Range	0.19-12 ng/mL
Sensitivity	0.071 ng/mL
Samples	plasma

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Metabolic pathway, 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 Human F13A1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human F13A1. 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 Human F13A1, 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 Human F13A1 in the samples is then determined by comparing the OD of the samples to the standard curve