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Product Datasheet

Human ZPI(Protein Z Dependent Protease Inhibitor) ELISA Kit EBT-ELK3286

Article Name	Human ZPI(Protein Z Dependent Protease Inhibitor) ELISA Kit
Biozol Catalog Number	EBT-ELK3286
Supplier Catalog Number	ELK3286
Alternative Catalog Number	EBT-ELK3286-96, EBT-ELK3286-48, EBT-ELK3286-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	80 ng/mL
Range	1.25-80 ng/mL
Sensitivity	0.5 ng/mL
UniProt	Q9UK55
Samples	plasma

Application Notes

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