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Product Datasheet

Human Hepc 25(Hepcidin 25) ELISA Kit EBT-ELK10037

Article Name	Human Hepc 25(Hepcidin 25) ELISA Kit
Biozol Catalog Number	EBT-ELK10037
Supplier Catalog Number	ELK10037
Alternative Catalog Number	EBT-ELK10037-96, EBT-ELK10037-96X5, EBT-ELK10037-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	1000 ng/mL
Range	15.63-1000 ng/mL
Sensitivity	3.9 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Endocrinology, Hematology, Genetic science,. 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 Hepc 25. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Hepc 25. 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 Hepc 25, 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 Hepc 25 in the samples is then determined by comparing the OD of the samples to the standard curve