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Product Datasheet

Human hs-Hepc25(high sensitivity Hepcidin 25) Microsample ELISA Kit EBT-ELK9112MS

Article Name	Human hs-Hepc25(high sensitivity Hepcidin 25) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK9112MS
Supplier Catalog Number	ELK9112MS
Alternative Catalog Number	EBT-ELK9112MS-96, EBT-ELK9112MS-48, EBT-ELK9112MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.61 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cardiovascular, Signal Transduction, Cardiovascular, Metabolism. 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 hs-Hepc25. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human hs-Hepc25. 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 hs-Hepc25, 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 hs-Hepc25 in the samples is then determined by comparing the OD of the samples to the standard curve