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Product Datasheet

Rat Hepc 25(Hepcidin 25) Microsample ELISA Kit EBT-ELK0389MS

Article Name	Rat Hepc 25(Hepcidin 25) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK0389MS
Supplier Catalog Number	ELK0389MS
Alternative Catalog Number	EBT-ELK0389MS-96, EBT-ELK0389MS-48, EBT-ELK0389MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.62 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 precoated with an antibody specific to Rat Hepc 25. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat Hepc 25 in the samples is then determined by comparing the OD of the samples to the standard curve