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Product Datasheet

Rat hs-cTnT(High Sensitivity Cardiac Troponin T) ELISA Kit EBT-ELK0844

Article Name	Rat hs-cTnT(High Sensitivity Cardiac Troponin T) ELISA Kit
Biozol Catalog Number	EBT-ELK0844
Supplier Catalog Number	ELK0844
Alternative Catalog Number	EBT-ELK0844-96, EBT-ELK0844-48, EBT-ELK0844-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	5.2 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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