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Product Datasheet

Human TNNI1(Troponin I Type 1, Slow Skeletal) Microsample ELISA Kit EBT-ELK3412MS

Article Name	Human TNNI1(Troponin I Type 1, Slow Skeletal) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK3412MS
Supplier Catalog Number	ELK3412MS
Alternative Catalog Number	EBT-ELK3412MS-96, EBT-ELK3412MS-48, EBT-ELK3412MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	16.94 pg/mL
UniProt	P19237
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 Human TNNI1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TNNI1. 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 TNNI1, 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 TNNI1 in the samples is then determined by comparing the OD of the samples to the standard curve