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Product Datasheet

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

Artikelname	Rat hs-cTnT(High Sensitivity Cardiac Troponin T) ELISA Kit
Artikelnummer	EBT-ELK0844
Hersteller Artikelnummer	ELK0844
Alternativnummer	EBT-ELK0844-96, EBT-ELK0844-48, EBT-ELK0844-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.2 pg/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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