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## Product Datasheet

### Human cTnT/TNNT2(Troponin T Type 2, Cardiac) Microsample ELISA Kit EBT-ELK3961MS

Artikelname	Human cTnT/TNNT2(Troponin T Type 2, Cardiac) Microsample ELISA Kit
Artikelnummer	EBT-ELK3961MS
Hersteller Artikelnummer	ELK3961MS
Alternativnummer	EBT-ELK3961MS-96, EBT-ELK3961MS-48, EBT-ELK3961MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	6.5 pg/mL
UniProt	<a href="#">P45379</a>
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 Human cTnT/TNNT2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human cTnT/TNNT2. 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 cTnT/TNNT2, 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 cTnT/TNNT2 in the samples is then determined by comparing the OD of the samples to the standard curve