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## Product Datasheet

### EasyStep Human cTnI(Cardiac Troponin I) ELISA Kit EBT-ELK057ES

Article Name	EasyStep Human cTnI(Cardiac Troponin I) ELISA Kit
Biozol Catalog Number	EBT-ELK057ES
Supplier Catalog Number	ELK057ES
Alternative Catalog Number	EBT-ELK057ES-96, EBT-ELK057ES-48, EBT-ELK057ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	25 ng/mL
Range	0.39-25 ng/mL
Sensitivity	19.6 pg/mL
UniProt	<a href="#">P19429</a>
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 1.5h. 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 cTnI, and the Human cTnI standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human cTnI. After TMB substrate solution is added, only those wells that contain Human cTnI and HRP-conjugated antibody 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 cTnI in the samples is then determined by comparing the OD of the samples to the standard curve