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## Product Datasheet

### Human High Sensitivity Cardiac Troponin T (hs-cTnT) ELISA Kit BYT-ORB782637

Article Name	Human High Sensitivity Cardiac Troponin T (hs-cTnT) ELISA Kit
Biozol Catalog Number	BYT-ORB782637
Supplier Catalog Number	orb782637
Alternative Catalog Number	BYT-ORB782637-48, BYT-ORB782637-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	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 High Sensitivity Cardiac Troponin T(hs-cTnT)....
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.2 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 1000 pg/mL. 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 hs-cTnT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human hs-cTnT in the samples is then determined by comparing the OD of the samples to the standard curve