

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Rat hs-cTnI(High Sensitivity Cardiac Troponin I) Microsample ELISA Kit BYT-ORB2997352

Article Name	Rat hs-cTnI(High Sensitivity Cardiac Troponin I) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997352
Supplier Catalog Number	orb2997352
Alternative Catalog Number	BYT-ORB2997352-48,BYT-ORB2997352-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat hs-cTnI(High Sensitivity Cardiac Troponin I) Microsample ELISA Kit...
Range	15.63-1000 pg/mL
Sensitivity	5.1 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: 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-cTnI. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat hs-cTnI. 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-cTnI, 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-cTnI in the samples is then determined by comparing the OD of the samples to the standard curve