

Product Datasheet

Mouse cTnT/TNNT2(Troponin T Type 2, Cardiac) Microsample ELISA Kit (orb2997953)

Catalog Number	orb2997953
Category	Assays and Kits
Description	Mouse cTnT/TNNT2(Troponin T Type 2, Cardiac) Microsample ELISA Kit
Reactivity	Mouse
UniProt ID	P50752
Application notes	<p>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 Mouse cTnT/TNNT2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 \pm 10nm. The concentration of Mouse cTnT/TNNT2 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	15.63-1000 pg/mL
Sensitivity	5.6 pg/mL

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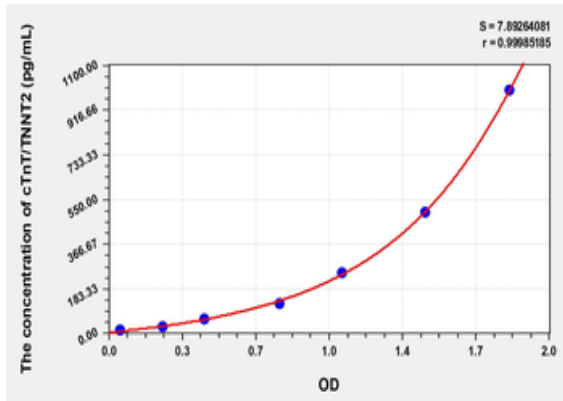
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Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	6 months from date of receipt.



Standard curve for orb2997953 ELISA kit.

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