

Product Datasheet

Rat Troponin T Type 2, Cardiac (cTnT/TNNT2) ELISA Kit (orb780106)

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|----------------------------|---|
| Catalog Number | orb780106 |
| Category | Assays and Kits |
| 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 Troponin T Type 2, Cardiac(TNNT2). |
| Reactivity | Rat |
| Concentration | 1000 pg/mL |
| UniProt ID | P50753 |
| Tested applications | ELISA |
| 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 Rat cTnT/TNNT2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat cTnT/TNNT2 in the samples is then determined by comparing the OD of the samples to the standard curve |
| Assay Type | Sandwich |
| Assay Time | 3.5h |

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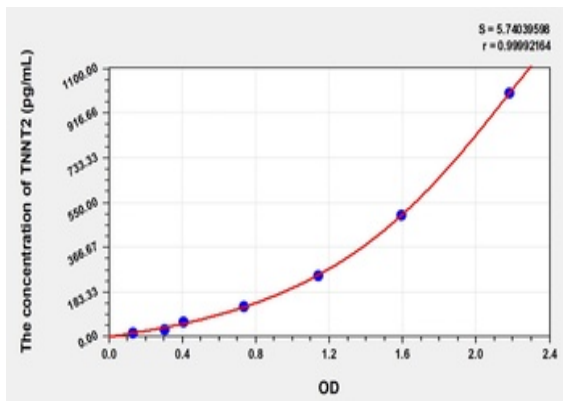
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|------------------------|--|
| Range | 15.63-1000 pg/mL |
| Sensitivity | 5.4 pg/mL |
| Sample Types | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |
| Note | For research use only |
| Expiration Date | Please enquire. |



Standard curve for orb780106 ELISA kit.

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