

TNNT2

Native Human Cardiac Troponin T (T2)

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|---------------------------------|---|------------------|---------------------------|
| Catalog No. | CRT135A CRT135B CRT135C | Quantity: | 10 µg 100 µg 1.0 mg |
| Alternate Names: | Troponin T, cardiac muscle, Cardiac muscle troponin T, TnTc | | |
| Description: | Troponin-T is one of three subunits that form the troponin complex of the thin filaments of striated muscle, it regulates muscle contraction in response to alterations in intracellular calcium ion concentration. TNNT2 is expressed only in the heart and has proved to be a specific biomarker for heart disease. | | |
| UniProt ID: | P45379 | | |
| Concentration: | 0.5 - 2.5 mg/ml, lot specific | | |
| Source: | Human Cardiac Tissue | | |
| Molecular Weight: | ~35 kDa, single band SDS-PAGE | | |
| Formulation: | Sterile-filtered 6 M urea, 250 mM NaCl, 50 mM Tris-HCl, 15 mM β-mercaptoethanol, 1 mM EDTA, pH 7.2 | | |
| Purity: | ≥ 95% as determined by RP-HPLC and SDS-PAGE analyses | | |
| Purification: | Ion exchange and affinity chromatography | | |
| Storage & Stability: | Stable at 2-8°C for shipping purpose. Upon receipt, store at -80°C. Avoid repeated freeze-thaw cycles. | | |
| Certification: | Negative or non-reactive at the donor level for HIV-1/HCV/HBV by NAT; HBsAg, HCV Ab, HIV-1&2 Ab and RPR by currently approved FDA methods. | | |

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