

Life Diagnostics, Inc.

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Human Cardiac Troponin-T

Catalog No.	1110
Analysis	SDS PAGE: Single ~35 kDa band
Purity	≥95%
Concentration	0.5 – 2.5 mg/ml
Buffer	6 M Urea, 250 mM NaCl, 50 mM Tris.HCl, 15 mM β-mercaptoethanol, 1 mM EDTA (pH 7.2)
Storage	-50°C or lower (avoid repeated freeze thawing)
Source	Human cardiac tissue

Troponin-T is one of three subunits that form the troponin complex of the thin filaments of striated muscle. Cardiac troponin-T is characterized by a molecular weight of ~35 kDa. It is expressed only in the heart and has proved to be a specific biomarker for heart disease. Cardiac troponin-T is purified using a combination of ion-exchange and affinity chromatography steps.

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