

Life Diagnostics, Inc.

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Rabbit Cardiac Troponin Complex

Catalog No.	70003
Analysis	SDS PAGE: Three bands corresponding to Tn-T, Tn-I & Tn-C
Purity	≥95%
Concentration	1-10 mg/ml.
Buffer	50 mM NaCl, 10 mM imidazole, 5 mM β-mercaptoethanol, 0.1 mM CaCl ₂ , 0.05% NaN ₃ (pH 7.0)
Storage	-20°C (avoid repeated freeze thawing)
Source	Rabbit cardiac muscle

Troponin is a complex of three subunits, troponin-C, troponin-I and troponin-T that is integral to muscle contraction in skeletal and cardiac muscle but not smooth muscle. Troponin complex can used to prepare calibrators and controls for cardiac troponin I assays. Troponin complex is purified using a combination of affinity and ion-exchange chromatography steps.

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