

Life Diagnostics, Inc.

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Human Cardiac Troponin-C ***(Recombinant)***

Catalog No.	1310
Analysis	SDS PAGE. Functionally capable of binding to troponin-I
Purity	≥95%
Concentration	0.5 - 10 mg/ml
Buffer	150 mM NaCl, 10 mM sodium phosphate, 0.05% NaN ₃ , (pH 7.0)
Storage	-20°C (avoid repeated freeze thawing)
Source	E. Coli.

Troponin-C is one of three subunits that form the troponin complex of the thin filaments of striated muscle. Cardiac troponin-C is characterized by a molecular weight of ~18 kDa. It is expressed in heart and slow twitch skeletal muscle. Recombinant human cardiac troponin-C is purified from E. coli extracts using a combination of ion-exchange and affinity chromatography steps.

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