

Life Diagnostics, Inc.

610-431-7707 • Fax: 610-431-7818

Info@lifediagnostics.com • www.lifediagnostics.com

Human Cardiac Tropomyosin

Catalog No.	1710
Analysis	SDS PAGE: Single band. Identity confirmed by SDS PAGE mobility shift in the presence of urea (L.B. Smillie, Methods in Enzymology, 85:234-241)
Purity	≥90%
Concentration	0.25 - 2 mg/ml.
Buffer	50 mM NaCl, 10 mM Tris.HCl, 5 mM β-mercaptoethanol, 1 mM EDTA (pH 7.4)
Storage	-20°C (avoid repeated freeze thawing)
Source	Human cardiac tissue

Tropomyosin is an alpha helical coiled protein dimer that binds end to end along F actin filaments in muscle. It exists in two forms (α and β), the ratios of which vary with muscle type. It is prepared using a modification of the procedure described by Smillie (above reference).

P.O. Box 5205 • West Chester PA 19380 • USA