

# ***Life Diagnostics, Inc.***

610-431-7707 • Fax: 610-431-7818

Info@lifediagnostics.com • www.lifediagnostics.com

## ***Rat Cardiac Tropomyosin***

Catalog No.	7942
Analysis	SDS PAGE: Single band ~ 30 kDa
Purity	≥95%
Concentration	1 – 5 mg/ml mg/ml
Buffer	150 mM NaCl, 10 mM sodium phosphate, 5 mM β-mercaptoethanol, 1 mM EDTA (pH 7.2)
Storage	-20°C (avoid repeated freeze thawing)
Source	Rat heart.

Tropomyosin is an alpha helical coiled protein dimer that binds end to end along F actin filaments in muscle. It exists in two forms ( $\alpha$  and  $\beta$ ), 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