

Life Diagnostics, Inc.

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Dog Cardiac Tropomyosin

Catalog No.	7943
Analysis	SDS PAGE: Single band ~ 30 kDa
Purity	≥95%
Concentration	1 - 5 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	Dog 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 (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).

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