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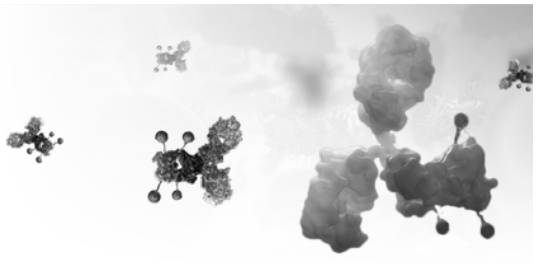

Troponin-ITC complex (≥80%) (DAGA-888)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Troponin complex is a heteromeric protein playing an important role in the regulation of skeletal and cardiac muscle contraction. Troponin complex consists of three different subunits troponin T (TnT), troponin I (TnI) and troponin C (TnC). Each subunit is responsible for a part of troponin complex function. TnT is a tropomyosin-binding subunit which regulates the interaction of troponin complex with thin filaments; TnI inhibits ATP-ase activity of acto-myosin; TnC is a Ca2+ - binding subunit, playing the main role in Ca2+ dependent regulation of muscle contraction.
Purity	≥80% by SDS-PAGE
Conjugate	Unconjugated
Applications	Immunogen Grade
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	100 µg
Buffer	50 mM NaCl, 10 mM imidazole, 15 mM β-mercaptoethanol, 0.2 mM calcium chloride, pH 7.0
Preservative	0.025% Sodium Azide
Storage	Short Term (< 1 week): -20°C. Long Term: ≤-70°C. Avoid repeated freezing and thawing.

BACKGROUND

Keywords	Cardiac Troponin C+I+T Complex Protein;Troponin Complex Protein;Cardiac Troponin C/I/T Protein

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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