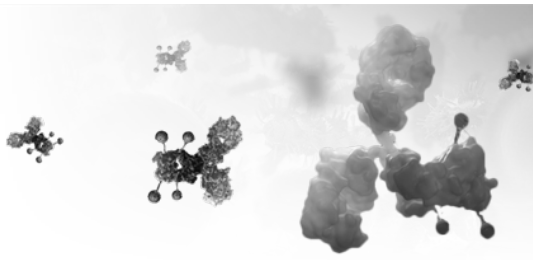

# Troponin-ITC complex (≥80%) (DAGA-888)

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

## PRODUCT INFORMATION

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|---|---|
| **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

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|---|---|
| **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