



Cardiac troponin complex protein (DAGA-880)

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 Ca ²⁺ - binding subunit, playing the main role in Ca ²⁺ dependent regulation of muscle contraction. |
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| Conjugate | Unconjugated |
| Applications | User optimized |
| Format | Liquid |
| Concentration | Batch dependent - please inquire should you have specific requirements |
| Size | 100 µg |
| Buffer | 150 mM NaCl, 5 mM CaCl ₂ , and 20 mM Tris, pH 7.5. |
| Preservative | 0.09% sodium azide |
| Storage | Store at -70°C |

BACKGROUND

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