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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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TECHNICALLY *Speaking*

Place your order with CEDARLANE® or your local distributor.

Please contact CEDARLANE® for lot specific information.

Human Cardiac Troponin T (TnT Human)

CLPRO342
CLPRO342-2
CLPRO342-3
Lot: 508TNT01

Introduction: Troponin T is one of three subunits that form the troponin complex of the thin filaments of striated muscle, it regulates muscle contraction in response to alterations in intracellular calcium ion concentration. TnTc is expressed only in the heart and has proved to be a specific biomarker for heart disease.

Mutations in TNNT2 are associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy.

Alternative splicing results in many tissue-specific isoforms.

Description: Human Cardiac Troponin T produced from Human Cardiac Tissue, having a molecular weight of approximately 35 kDa. The Cardiac Troponin T is purified using a combination of ion-exchange and affinity chromatography steps.

Synonyms: Troponin T cardiac muscle, TnTc, Cardiac muscle troponin T, cTnT, TNNT2, CMH2, CMPD2, MGC3889.

Source: Human Cardiac Tissue

Presentation: 10 µg (CLPRO342), 50 µg (CLPRO342-2), or 1 mg (CLPRO342-3), sterile filtered colourless liquid formulation (1.92 mg/ml). Human Cardiac Troponin T in 6M Urea, 250 mM NaCl, 50 mM Tris-HCl, 15 mM β-mercaptoethanol, 1 mM EDTA, pH 7.2

Stability: Human TnT although stable at 10°C for 7 days, should be stored desiccated below -18°C. Please prevent freeze-thaw cycles.

Purity:

Greater than 98.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Human Virus Test: Blood samples from tissue donors used in the manufacture of this product tested negative for HIV-1, 2, HbsAg, HCV and RPR.

Laboratory Reagent For Research Use Only

JV 07/15/08

For more information or to place an order please contact...

CEDARLANE®
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