



DataSheet

CATALOGUE #: 8T25

PRODUCT NAME: Human skeletal muscle troponin I (skTnI)

Source: Human skeletal muscle.
Blood sample from the tissue donor was tested and found negative for HBsAg, HIV-1 and HIV-2 antibodies, HCV, and syphilis.

Applications: Negative control for cardiac TnI specific antibodies, immunogen for antibody production, calibrator and standard preparation, troponin biochemical and immunochemical studies.

Analysis: Purity more than 95 % (SDS-PAGE).
Protein content determined by the Lowry procedure.
Immunological identity confirmed by reaction with monoclonal antibody that is specific for the TnI skeletal muscle isoform.

Presentation: Lyophilized from 0.01 M HCl.
It is recommended to reconstitute this product with Tris/urea buffer (20 mM Tris, pH 7.5, 7 M urea, 5 mM EDTA, 15 mM 2-mercaptoethanol) to a concentration close to 1 mg/ml.
Solubility is limited at neutral pH and physiological salt concentration.

Storage: Lyophilized -20°C (-15 ... -30 °C allowed)
Reconstituted -70°C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

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