## **Datasheet**

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy
Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation
Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience
Thyroid Diseases • Tumor Markers • Veterinary

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 Tnl 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 This product is sold for research or further manufacturing use only. Standard Laboratory Practices

**safety note:** should be followed when handling this material.

