

SPECIFICATION

Troponin I Human Cardiac Tissue

GENERAL INFORMATION

Catalogue Number	550-11	Storage Temperature	-20°C
Lot Number	Report	Storage Note	Avoid freeze/thaws
CAS Number	77108-40-8	Shipping Note	Dry Ice
Synonyms	Tn-I, hTn-I, cTnI	Received By	_____
Molecular Weight	~24,000	Receipt Date	_____

PRODUCT INFORMATION

Source	Human Cardiac Tissue
Form	Solution in 8M Urea, 50mM Tris-HCl, 15mM β -mercaptoethanol, 2mM EDTA, pH 7.4.
Appearance	Frozen liquid
Protein	1.0 – 5.0 mg/mL ($E^{1\text{mg/mL}}_{280\text{nm}} = 0.42$)
Purity	$\geq 98\%$ (SDS-PAGE) This product contains a major band at 24,000 MW with minor cTNI fragmentation bands by SDS-PAGE.
Recertification Date	Three years from manufacture date.

HANDLING INFORMATION

Handling	Handle as a potentially hazardous substance.
Recovery	If small volume, microfuge vial before drawing from container.

Non-Infectious Disease Statement: Negative or Non-reactive at the donor level for HIV 1 and 2 (antibodies or NAT), HCV (antibodies or NAT), and HBsAg. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Bio-safety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Bio-safety in microbiological and Biomedical Laboratories", 1999. This material is sold for in-vitro diagnostic use only in manufacturing and research. This material is not suitable for human use. We certify this to be true to the best of our knowledge. The statements herein are offered for informational purposes only and are intended to be used solely for your consideration, investigation and verification only. It is up to the user to undertake sufficient verification and testing to determine the suitability for their own particular purpose. Use of product determined by end user.

