



PRODUCT SPECIFICATION

CATALOG NUMBER: J34000

PRODUCT DESCRIPTION:	Human Cardiac Troponin I Antigen
SOURCE:	Human cardiac tissue
LOT NUMBER:	Reference
PRESENTATION:	Liquid
PURITY:	≥98% by SDS-PAGE; major 24 kDa band (90%) with minor fragmentation bands
BUFFER:	8 M urea, 50 mM Tris HCl, 15 mM β-mercaptoethanol, 1 mM EDTA (pH 7.4)
PRESERVATIVE:	None
CONCENTRATION:	Reference (determined by A_{280} assuming an extinction coefficient of $9970 \text{ cm}^{-1}\text{M}^{-1}$)
STORAGE TEMPERATURE:	-20°C (Avoid repeated freeze/thaw cycles)
HAZARD/BIOHAZARD:	Donor tissue tested and found negative for HIV 1&2, Hepatitis B surface Antigen, Anti-Hepatitis B core IgG, Anti-Hepatitis B core IgM, Anti-Hepatitis C, RPR/STS, Anti-CMV and Anti-HTLV 1/2. There is no known hazard associated with this product.