PRODUCT SPECIFICATION

CATALOG NUMBER: 1-020

PRODUCT DESCRIPTION: Purified Human Cardiac Troponin I Subunit Antigen

FORM: Liquid

PURITY: This product contains some proteolytic fragments of the troponin I molecule. >95% of the protein reacts with monoclonal antibodies to cardiac troponin I by Western blot analysis. By SDS-PAGE, bands migrate primarily from 13-26 kDa.

BUFFER: 75 mM Tris, pH 8.0, 15 mM mercaptoethanol, 10mM EDTA, 6 M urea

PRESEVATIVE: None

STORAGE TEMPERATURE: < -20°C or colder long term

SOURCE: Human heart tissue (donor’s serum was tested and found negative for HBsAg, HIV-1, HIV-2, and HCV antibodies by FDA approved tests.)

NOTE: Troponin I is only sparingly soluble at neutral pH and physiological salt concentrations. If removing urea from this product, increase ionic strength to at least 0.5 M, and include 10mM mercaptoethanol to reduce intermolecular aggregation.