



Highly Purified Human Heart Troponin I

PRODUCT CODE : BF 3087

SOURCE : Human heart tissue

PRESENTATION : Presented freeze-dried from 0.01M HCl. It is recommended that the product be reconstituted in urea/Tris buffer, pH 7.5 (7M urea, 5mM EDTA, 15mM mercaptoethanol, 20mM Tris). Solubility is limited at neutral pH and in physiological saline solution.

PURITY : >98% by SDS-PAGE using a Coomassie Blue Stain.

TROPONIN I CONCENTRATION: This is determined spectrophotometrically, prior to freeze-drying, by U.V. absorption taking
$$E_{0.1\%,1\text{cm}}^{280\text{nm}} = 0.42$$

This extinction coefficient was calculated from the amino acid composition of human cardiac troponin I (FEBS Lett. 270, 57-61)

IMMUNOLOGICAL IDENTITY : Confirmed by reaction with a monoclonal antibody that is specific for Troponin I cardiac isoform in immunoblotting.

HBsAg STATUS : Blood of the tissue donor tested negative.

ANTI-HIV-1/2 STATUS : Blood of the tissue donor tested negative.

ANTI-HCV STATUS : Blood of the tissue donor tested negative.

STORAGE : -20°C
After reconstitution the solution should be stored at -20°C

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QUALITY
ISO 9001:2008
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