

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: A01732H **Lot #:** 3E15020

Description: Troponin T-Cardiac, Recomb.
Troponin T-Cardiac, Recombinant

Immunoreactivity is confirmed by reaction with monoclonal antibodies specific to different epitopes of human cardiac TnT isoform. Contains an additional methionine residue at the N-terminus. Does not contain a fusion partner.

Source: *E. coli*

Format: Affinity Purified, Lyophilized
Reconstitute with 20 mM Tris, pH 7.5, containing 7 M Urea, 5 mM EDTA, 15 mM 2-Mercaptoethanol to a concentration of 1 mg/mL.

Purification: > 95% pure (SDS-PAGE). Immunoaffinity purification followed by Ion-exchange chromatography.

Concentration: 1 mg/mL prior to lyophilization (OD_{280nm} , $E^{0.1\%} = 0.49$).

Buffer: Lyophilized from 0.01 M HCl.

Preservative: None

Applications: Suitable for use in ELISA as a Calibrator or Standard and as an immunogen. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store lyophilized product at -20°C. After reconstitution, aliquot and store at -70°C. Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



10 JUN 2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY