



Meridian
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CERTIFICATE OF ANALYSIS

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

Catalog #: H01341M **Lot #:** n/a

Description: MAb to Troponin I-Cardiac
Monoclonal Antibody to Troponin I-Cardiac (cTnI) (26-35 Region)

Specificity: Reacts equally with free cardiac troponin I (cTnI) and cTnI forming complexes with other troponin components. Not affected by heparin, phosphorylation and oxidation. Recognizes an epitope located between amino acid residues 26 and 35 of cTnI. Reactive with cTnI from human, monkey, mouse, rat, canine, rabbit and bovine.

Clone: B1571M

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice. **Isotype:** IgG₁

Source: Cell Culture

Immunogen: Free human cardiac troponin and/or native troponin complex.

Format: Purified, Liquid **Exp. Date:** N/A

Purification: > 90% pure. Protein A Sepharose Chromatography. Purity is tested by electrophoresis.

Concentration: (Lot Specific) mg/mL (OD_{280nm}, E^{0.1%} = 1.4)

Buffer: PBS, pH 7.4

Preservative: 0.1% Sodium Azide

Applications: Troponin I EIA and Western Blotting. 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 at 2–8°C.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Signature

30 April 2014

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY