

CERTIFICATE OF ANALYSIS

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

Catalog #: H01325M **Lot #:** 7E15122

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

Specificity: Reacts with Cardiac Troponin I (cTnI).

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Human troponin complex.

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE). Ion -Exchange Chromatography

Concentration: 4.98 mg/mL (OD280nm, E^{0.1%} = 1.3)

Buffer: 50 mM Sodium Chloride, 20 mM Phosphate Buffered Saline, pH 7.4.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA and Lateral Flow Immunoassay. 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.

Sensitivity of ≤ 0.5 ng/mL has been shown in an immunoassay.

Recommended pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
H01326M	H01325M

Storage: Short term, store at 2–8°C. For long-term storage, aliquot and store frozen at -20°C. Avoid multiple freeze/thaw cycles.

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

Quality Signature:



01 Jun 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY