

CERTIFICATE OF ANALYSIS

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

Catalog #:	H01326M	Lot #:	6E15122				
Description:	MAb to Troponin I-Cardiac Monoclonal Antibody to Troponin I-Cardiac (cTnI)						
Specificity:	Reacts with Cardiac Troponin I (cTnI).						
Host Animal:	Mouse	Isotype:	IgG ₁				
Source:	Ascites						
Immunogen:	Human troponin complex.						
Format:	Purified, Liquid						
Purification:	> 95% pure (SDS-PAGE). Ion –Exchange Chromatography						
Concentration:	4.88 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: <table><tbody><tr><td><u>Capture</u></td><td><u>Detection</u></td></tr><tr><td>H01326M</td><td>H01325M</td></tr></tbody></table>			<u>Capture</u>	<u>Detection</u>	H01326M	H01325M
<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 Notes(s):	Refer to the appropriate Safety Data Sheet (SDS) for additional information.						

Quality Signature:



01 Jun 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY