







# Biocard®

## TROPONIN-I RAPID TEST KIT

**Rapid Detection. Trusted Results**

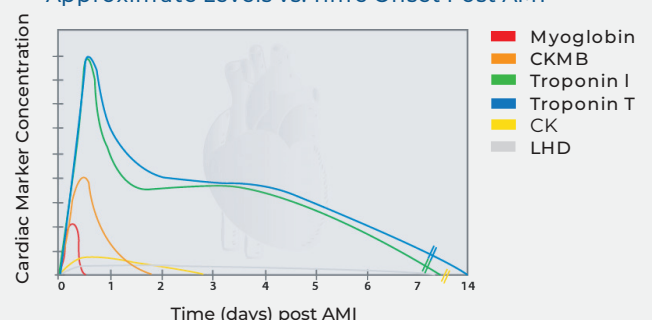
-  Format: Lateral Flow Chromatographic Immunoassay for Acute Myocardial Infarction (AMI).
-  Low Cut-off – Detects cTnI  $\geq 0.3$  ng/mL
-  Sample Flexibility – Works with Serum, Plasma & Whole Blood
-  High Accuracy – 100% Sensitivity & Specificity

### Introduction:

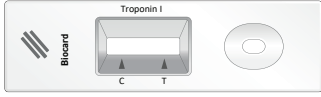
The BIOCARD® Troponin I Rapid Test Kit is a valuable aid in diagnosing Acute Myocardial Infarction (AMI), supporting timely clinical decisions and better patient outcomes

Troponin I (Trop I) is a cardiac-specific protein released into circulation exclusively after myocardial cell damage. Its high tissue specificity eliminates interference from skeletal muscle injury, ensuring unmatched diagnostic accuracy. Trop I levels rise within 3–6 hours of an acute myocardial infarction, peak at 12–24 hours, and remain elevated for up to 7–10 days, offering both early detection and a prolonged diagnostic window. Owing to its superior sensitivity and specificity, Trop I is regarded as the gold standard biomarker for diagnosing and monitoring acute coronary syndromes and myocardial injury.

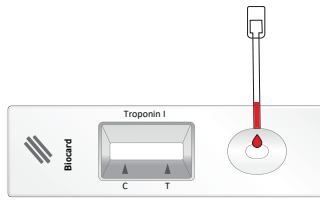
Cardiac Markers:  
Approximate Levels vs. Time Onset Post AMI



## Test Procedure



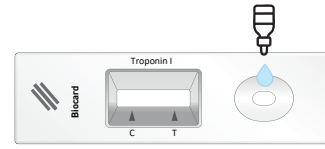
Place Cassette



Drop 1 drop Serum / Plasma(40µL)

OR

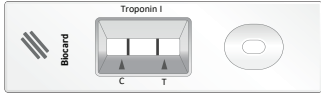
Drop 1 drop Whole Blood(60µL)



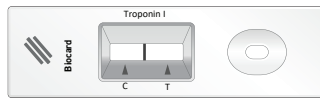
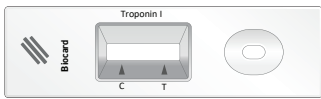
Drop 1 Drop Reaction Buffer

## Result Interpretation

**POSITIVE RESULT:** If both the control(C) bands and test(T) are developed, the test indicates that the level of cTnI is equal to or greater than 0.3 ng/mL, the result is reported as positive.



**INVALID RESULT:** If the control line is not formed, it is likely that the test has not been performed correctly as described in the Instructions for Use document or the test unit is damaged. In such a case, repeat the testing with a new test unit.



## PERFORMANCE CHARACTERISTICS:

Biocard Troponin I Rapid test has been tested during in-house panel of positive and negative clinical samples confirmed by commercialized approved Troponin I lateral flow test and the correlation between these two systems was found to be 100%. the Instructions for Use document or the test unit is damaged. In such a case, repeat the testing with a new test unit.

CLIA Reference	Positive	Negative	Total
Positive	110	0	110
Negative	0	650	650
Total	110	650	760
<b>Diagnostic Sensitivity: 100%</b>			
<b>Diagnostic Specificity: 100%</b>			

The Biocard Troponin I Rapid Test can detect cTnI in serum, plasma or whole blood with concentration of 0.3 ng/mL or greater.

## Ordering Information:

Material Code	30201781	30201824	30201782	30201783	30201285
Pack Size	10 Test	25 Test	30 Test	50 Test	100 Test



\*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation.

IVD

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**TRIVIRON**  
HEALTHCARE  
speaking your language