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SD BIOLINE Troponin I

One Step Cardiac Troponin I Test

Cardiac markers are substances released from heart muscle when it is damaged as a result of myocardial infarction. Depending on the marker, it can take between 2 to 24 hours for the level to increase in the blood. It is released during MI from the cytosolic pool of the myocytes. Its subsequent release is prolonged with degradation of actin and myosin filaments. Because it has increased specificity compared with CK-MB, troponin is a superior marker for myocardial injury.



General Information

SD BIOLINE Troponin I rapid test is a rapid immuno-chromatographic assay for the qualitative detection of cardiac troponin I(cTnI) in human serum, plasma or whole blood as an aid in the diagnosis of myocardial infarction in emergency room, critical care, point-of-care, and hospital settings.

- Time to Therapy Reduced
- Length of Stay in ER Reduced
- Patient Satisfaction Increased
- Cost of Care Reduced
- Specimen : Serum, plasma or whole blood (80 µl)
- Test result : 15 minutes
- Cut-off level : 0.5 ng/ml
- Shelf life and storage temperature: 24 months at 1-30 °C
- Performance: Sensitivity - 96.9 %, Specificity - 97.3 % (vs. Quantitative assay)

Materials Provided

- Test device
- Disposable dropper

Test Procedure

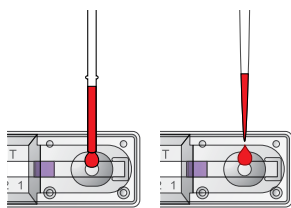
1

Add Specimen

Dispense 80 µl of serum, plasma or whole blood into the sample well "S".

Dropper

Micropipette

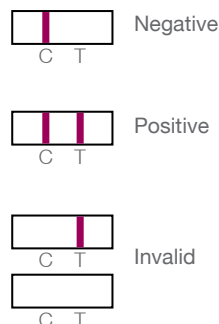


Wait 15 mins.



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Read Results



Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
Troponin I	90FK10	Device	Serum/Plasma/Whole Blood	25T/Kit