



SD BIOLINE TnI/Myo Duo

One Step Cardiac Troponin I and Myoglobin 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.



General Information

SD BIOLINE TnI/Myo Duo is an immunochromatographic assay for the qualitative and differential detection of Myoglobin and cardiac troponin I(cTnI) in human serum, plasma or whole blood as an aid in the diagnosis of myocardial infarction(AMI) in emergency room, critical care, point-of-care, and hospital settings.

Myoglobin	When the muscle cells are damaged, it released to the blood rapidly than any other myocardial markers.
Troponin I	The cTnI and its complex are released to blood circulation soon after onset of acute myocardial infarction (AMI). The elevated level could be detected approximately 10-20 hours until 10-15 days after onset of AMI.

- Time to Therapy Reduced
- Cost of Care Reduced
- Specimen : Serum, plasma or whole blood (80 µl)
- Test result : 15 minutes
- Shelf life and storage temperature: 18 months at 1-30 °C
- Performance:
 - Troponin I : Sensitivity - 97.9 %, Specificity - 100 %
 - Myoglobin : Sensitivity - 100 %, Specificity - 97.6 %

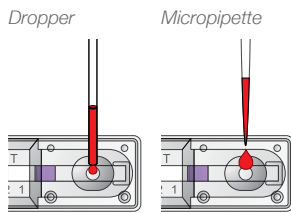
Materials Provided

- Test device
- Disposable dropper (80 µl)

Test Procedure

1 Add Specimen

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



Wait 15 mins.



2 Read Results



Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
TnI/Myo Duo	95FK10	Device	Serum/Plasma/Whole Blood	25T/Kit