


Rapid cardiac Troponin T measurement

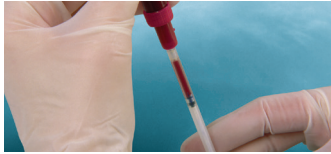
In just 3 simple steps

1



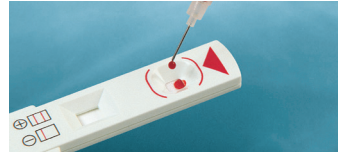
Collect a venous blood sample into an EDTA or Heparin (non-gel) blood tube

2



Aspirate 150 uL of blood sample from the tube using the Roche CARDIAC® pipette

3



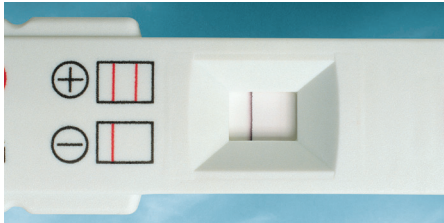
Apply the 150 uL blood sample to the test strip window. Wait 15 minutes and read the result

When myocardial damage is suspected, **every minute counts.**

The TROP T Sensitive rapid assay allows rapid determination of cardiac Troponin T (cTnT) levels from a single whole blood sample. Numerous studies have confirmed cTnT is a highly specific and sensitive marker of myocardial damage such as that caused by an acute myocardial infarction.¹⁻⁵

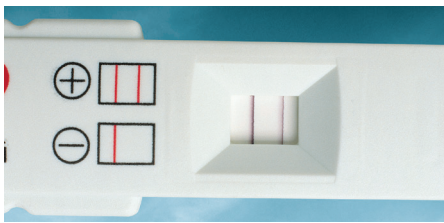
A cTnT qualitative result is available within 15 minutes or sooner – saving you precious time in emergency situations where a laboratory is not readily accessible.

When only one line is visible
($cTnT < 0.1 \text{ ng/mL}$)



Low Risk ^(a)

When two lines are visible
($cTnT > 0.1 \text{ ng/mL}$)



High Risk ^(b)

NOTES:

(a) Patients with $cTnT < 0.1 \text{ ng/mL}$ must be re-tested after 6-8 hours of presentation.⁶

(b) Patients with $cTnT > 0.1 \text{ ng/mL}$ indicate acute or chronic myocardial involvement, even if the ECG is inconclusive and symptoms are not clear-cut.⁶

Test specification and product information

Intended use	Qualitative immunological test for specific detection of cardiac troponin T in whole blood
Test principle	Rapid assay based on specific immunological reaction
Test material	150 µL anticoagulated venous whole blood (only EDTA or heparin can be used as the anticoagulant)
Test performance time	15 minutes
Storage and stability	4 weeks at room temperature; at +2°C to +8°C until expiration date

Package sizes

Art. No.	Description	Package contents
11 621 947 196	TROP T Sensitive rapid assay for 5 determinations	5 disposable test strips individually sealed 5 pipettes (150 µL) 5 documentation labels 1 package insert
11 621 904 193	TROP T Sensitive rapid assay for 10 determinations	10 disposable test strips individually sealed 10 documentation labels 1 package insert

Optional items

11 622 889 190	CARDIAC pipette	20 disposable pipettes for use with TROP T Sensitive rapid assay (pipettes are not included in the TROP T Sensitive 10-test pack)
078 3100 5190	Roche CARDIAC® control Troponin T	1 x 1 mL x Level 1 (lyophilised) 1 x 1 mL x Level 2 (lyophilised)



MAT No: 04901142190

Need a device that stores cTnT results with patient ID for future reference?

Ask us about the portable **cobas h 232 POC system** and **cobas IT 1000** software for consolidation and management of data from multiple rural and remote sites.

cobas h 232 POC system offers several markers for clinical assessment of patients with chest pain/dyspnoea and provides results in 8 or 12 minutes: **Troponin T, NT-proBNP, D-dimer, CK-MB**

References

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- 2 Wu, A.H. (1994) Cardiac Troponin T: Biochemical, analytical, and clinical aspects; *J. Clin Immunoassay* 17 No 1, 45–48
- 3 Ohman, E.M., Armstrong, P.W., Christenson, R.H., Granger, C.B., Katus, H.A., Hamm, C.W., O'Hanesian, M.A., Wagner, G.S., Kleiman, N.S., Harrell, F.E. Jr., Califf, R.M., Topol, E.J. (1996) for the GUSTO IIA Investigators: Cardiac Troponin T levels for risk stratification in acute myocardial ischemia; *N Engl J Med* 335 (18), 1333–41
- 4 Christenson, R.H., Newby, L.K., Ohman, E.M. (1997) Cardiac markers in the assessment of acute coronary syndromes; *Md Med J Suppl*, 18–24
- 5 Gerhardt, W., Ljungdahl, L. (1997) Detection of myocardial damage by serial measurements of cardiac Troponin T, CK MB mass, and Trop T rapid test; *Cardiovasc Drugs Ther Suppl* 1, 227–40
- 6 Integrated Cardiovascular Clinical Network CHSA, iCCnet SA Management of Chest Pain/Suspected Acute Coronary Syndrome Clinical Pathway (2010) http://www.iccnetsa.org.au/Data/Sites/1/protocols/clinicalpathways/cat1_blank.pdf

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