



Roche TROP T[®] sensitive rapid assay (visual)

Because myocardial damage is easy to miss

Not for distribution in the United States.



Roche TROP T[®] sensitive rapid assay (visual)

Because myocardial damage is easy to miss

Visual test for the rapid diagnosis of myocardial infarction

- Many patients seek medical attention only hours or even days after the onset of chest pain, especially on weekends. With troponin T you can make a diagnosis even several days (up to 10 to 14 days) after myocardial damage occurs
- The TROP T sensitive rapid assay is a visual troponin T test
- Since it requires no measurement instrument it can be easily deployed in rural areas at the point of patient care, at the bedside, in triage bays, emergency service areas, ambulances or a designated lab area
- The TROP T sensitive rapid assay is designed for qualitative determination of cardiac troponin T in the blood and elevated levels indicative of acute myocardial infarction
- Results from a large prospective clinical trial¹ in Denmark indicate that implementation of qualitative pre-hospital troponin T testing in the ambulance vehicle by paramedics is feasible in patients, including non-ST segment elevation myocardial infarction (NSTEMI) patients, whose condition is not detected by the classical electrocardiogram

Four simple steps to an accurate troponin T result

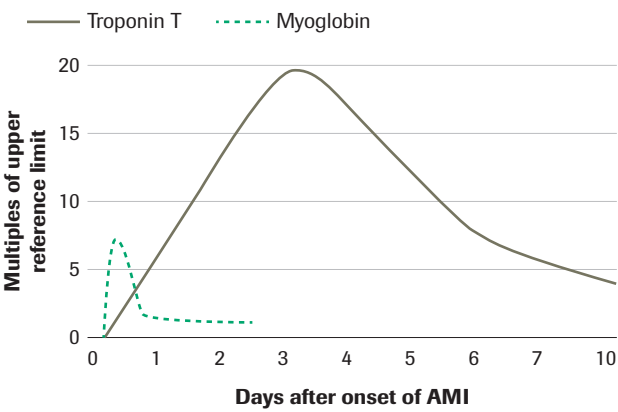


- 1 Obtain the blood sample. Remove strip from package and place on a flat surface
- 2 Draw 150 µL of blood into dispensing pipette
- 3 Apply sample on the test strip
- 4a Read results after 15 minutes. 1 line (control line) = negative test result (troponin T concentration < 100 ng/L)
- 4b Two lines (control and signal line) = positive test result (troponin T concentration > 100 ng/L)

Benefits

Highly versatile	▪ Suitable for use in different clinical settings, e.g. emergency room, GP office or ambulance
Cost-effective	▪ 1-step test ▪ Requires no external measurement system ▪ Requires no special training
Fast results	▪ Reliable yes/no result in 15 to 20 min
Easy handling and portability	▪ Simple application that can be used anywhere ▪ No sample preparation ▪ Device independent
Wide diagnostic spectrum	▪ Aid in the diagnosis of myocardial infarction
Reliable qualitative measurements	▪ Proven test strip technology
On the spot rule-in acute myocardial infarction	▪ Specific cardiac marker — A positive result indicates myocardial damage ▪ Even if characteristic ECG changes are missing

Troponin T reveals damage other markers miss.²



Product specifications

- Qualitative detection of troponin in anticoagulated (EDTA or heparin) venous whole blood
- Reaction time: 15 min.
- Positive result from a threshold (cut-off) of 100 ng/L
- Storage at 2 to 8° C
- Test can be used immediately after removal from the refrigerator
- Storage for 4 weeks at room temperature (15 to 25° C)
- Roche TROP T[®] sensitive rapid assay is available in 5 and 10 pack sizes

Specifications: Roche Trop T sensitive rapid assay

Sample material	150 µL anticoagulated venous blood (EDTA or heparin can be used as anti-coagulant) or arterial whole blood (heparin can be used as anti-coagulant)
Result time	15 minutes
Cut-off	100 ng/L
Storage conditions	2° to 8° C (35° to 46° F) until expiration date Room temperature: 4 weeks

Ordering information

Product	Cat no.	Package contents
TROP T [®] sensitive rapid assay for 5 determinations	11621947196	<ul style="list-style-type: none">▪ 5 disposable test strips (individually sealed)▪ 5 pipettes (150 µL)▪ disposable labels▪ 1 package insert
TROP T [®] sensitive rapid assay for 10 determinations	11621904193	<ul style="list-style-type: none">▪ 10 disposable test strips (individually sealed)▪ disposable labels▪ 1 package insert
Roche CARDIAC [®] Control Troponin T assay	11937553193	<ul style="list-style-type: none">▪ 1 vial of negative control solution (lyophilized) for 6 determinations▪ 1 vial with low troponin T concentration (lyophilized) for 6 determinations
Cardiac pipettes	11622889190	<ul style="list-style-type: none">▪ 20 pipettes (150 µL)

References

- 1 Sørensen, J.T., Terkelsen, C.J., Steengaard, C. et al. (2011). Prehospital troponin T testing in the diagnosis and triage of patients with suspected acute myocardial infarction. *Am J Cardiol.*;107(10):1436-40.
- 2 Wu, A.H. (1994). Cardiac Troponin T: Biochemical, analytical and clinical aspects. *J Clin Immunoassay*; 17(1): 45-48.

Not for distribution in the United States.

COBAS, CARDIAC, TROP T and LIFE NEEDS ANSWERS
are trademarks of Roche.

©2014 Roche

Roche Diagnostics International Ltd
CH-6343 Rotkreuz
Switzerland
www.cobas.com