Roche TROP T® sensitive rapid assay (visual)

Because myocardial damage is easy to miss

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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

Benefits

| Highly versatile | Suitabe 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 |

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)
**Troponin T reveals damage other markers miss.**

![Graph showing the levels of Troponin T and Myoglobin over time](image)

### 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

<table>
<thead>
<tr>
<th>Sample material</th>
<th>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)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Result time</td>
<td>15 minutes</td>
</tr>
<tr>
<td>Cut-off</td>
<td>100 ng/L</td>
</tr>
<tr>
<td>Storage conditions</td>
<td>2° to 8°C (35° to 46°F) until expiration date Room temperature: 4 weeks</td>
</tr>
</tbody>
</table>

### Ordering information

<table>
<thead>
<tr>
<th>Product</th>
<th>Cat no.</th>
<th>Package contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>TROP T® sensitive rapid assay for 5 determinations</td>
<td>11621947196</td>
<td>5 disposable test strips (individually sealed)</td>
</tr>
<tr>
<td>TROP T® sensitive rapid assay for 10 determinations</td>
<td>11621904193</td>
<td>10 disposable test strips (individually sealed)</td>
</tr>
<tr>
<td>Roche CARDIAC® Control Troponin T assay</td>
<td>11937553193</td>
<td>1 vial with low troponin T concentration (lyophilized) for 6 determinations</td>
</tr>
<tr>
<td>Cardiac pipettes</td>
<td>11622889190</td>
<td>20 pipettes (150 μL)</td>
</tr>
</tbody>
</table>
References

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