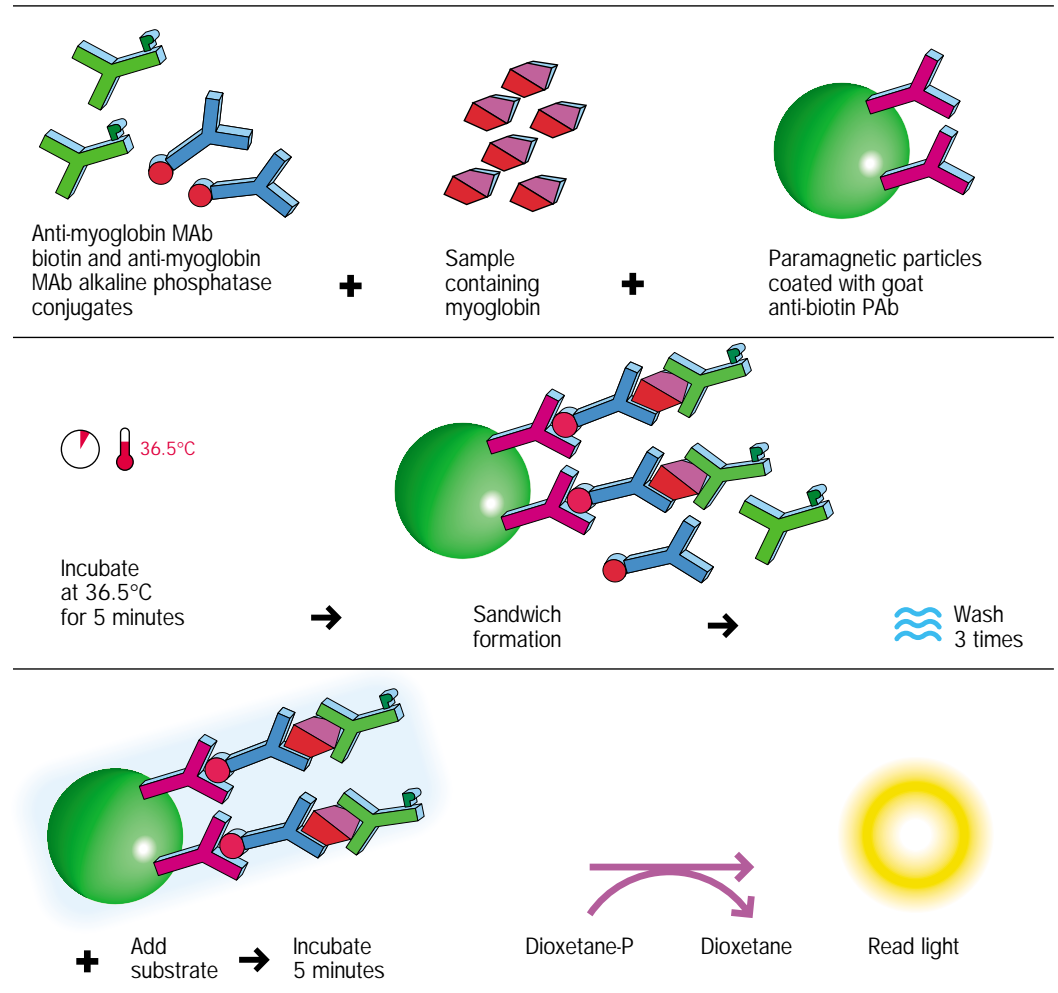




Myoglobin

- Early onset marker to confirm myocardial necrosis
- Reportable range: 1-4,000 ng/mL (µg/L)
- Gender-specific expected values
- Time to first result: 15 minutes
- Calibration stability: 56 days

1 step
sandwich
technique



Signal produced is directly proportional to the myoglobin concentration in the sample.



Myoglobin

Use of Cardiac Markers

CK-MB	Myoglobin	Troponin
<ol style="list-style-type: none"> 1. Rapid, cost-efficient, accurate assays 2. Ability to detect early reinfarction 	<ol style="list-style-type: none"> 1. High sensitivity 2. Useful in early detection of MI 3. Detection of reperfusion 4. Most useful in ruling out MI 	<ol style="list-style-type: none"> 1. Powerful for risk stratification 2. Greater sensitivity and specificity than CK-MB 3. Detection of recent MI up to 2 weeks after onset 4. Useful for selection of therapy 5. Detection of reperfusion

Reference: ACC 2002

Characteristics

Sample Type/Size	Serum or plasma (EDTA or heparin)/20 µL
Time to First Result	15 minutes
Analytical Sensitivity	< 1.0 ng/mL
Calibrator Levels	0, 50, 200, 800, 2000 and 4000 ng/mL
Expected Range	14.3-65.8 ng/mL for females; 17.4-105.7 ng/mL for males (heparin plasma and serum samples)
Open Pack Stability	56 days
Calibration Stability	56 days

Ordering Information

Access® Myoglobin - 2 packs of 50 tests/pack	973243
Access® Myoglobin Calibrators - 6 vials of 1 mL/vial	973244
Access® Sample Diluent A - 1 vial of 4 mL	81908



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