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SenseAheart

Key Benefits

- **Early Detection**: Detects AMI at its earliest stages, facilitating timely medical intervention and reducing the risk of complications.
- **Enhanced Sensitivity**: Dual-marker detection improves sensitivity, enabling the detection of smaller amounts of cardiac markers for improved diagnostic accuracy.
- **Cost-Efficiency**: Avoid unnecessary emergency room visits and hospitalizations by accurately diagnosing AMI in primary care settings, saving costs and resources.
- Improved Patient Outcomes: Rapid and accurate diagnosis leads to better patient outcomes and reduces the burden on healthcare systems.

Ideal For

- Point of Care Centers & Walk-in Clinics
- Anbulance and Paramedics
- Cardiac Telemedicine
- Hospitals
- Doctors' Offices

Kit includes

- Test cassette
- Sterile disposable automatic finger prick lancets
- Alcohol pads
- Dropper bottle with 0.5mL of buffer
- Capilar

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Early, Fast and Reliable AMI detection

SensAheart is the only lateral flow immunoassay that gives reliable and rapid indication for Acute Myocardial Infarction (AMI). By testing for two cardiac markers (hFABP and Troponin) simultaneously, SensAheart can detect AMI earlier and accurate than current methods

The Need

Myocardial infraction is easy to miss or misdiagnose because of the current limited methods based on ECG and patient symptoms. in fact up to 50% of AMI patients can die before going to the ER and other referred to the ER with false with false positive diagnosis. Early and accurate diagnosis of AMI is critical for saving lives.

Troponin and hFABP a synergistic market for AMI detection

hFABP, a marker for ischemia, is secreted as early as 30 minutes after the heart's blood supply is blocked, making it a valuable indicator for early-stage AMI.
Troponin, a marker for cell damage, typically appears in the blood approximately 4 hours after the onset of myocardial infarction.
By detecting both markers on the same test line, SensAheart offers the added value of the synergistic effect of both factors, enabling healthcare professionals to initiate prompt treatment interventions.

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