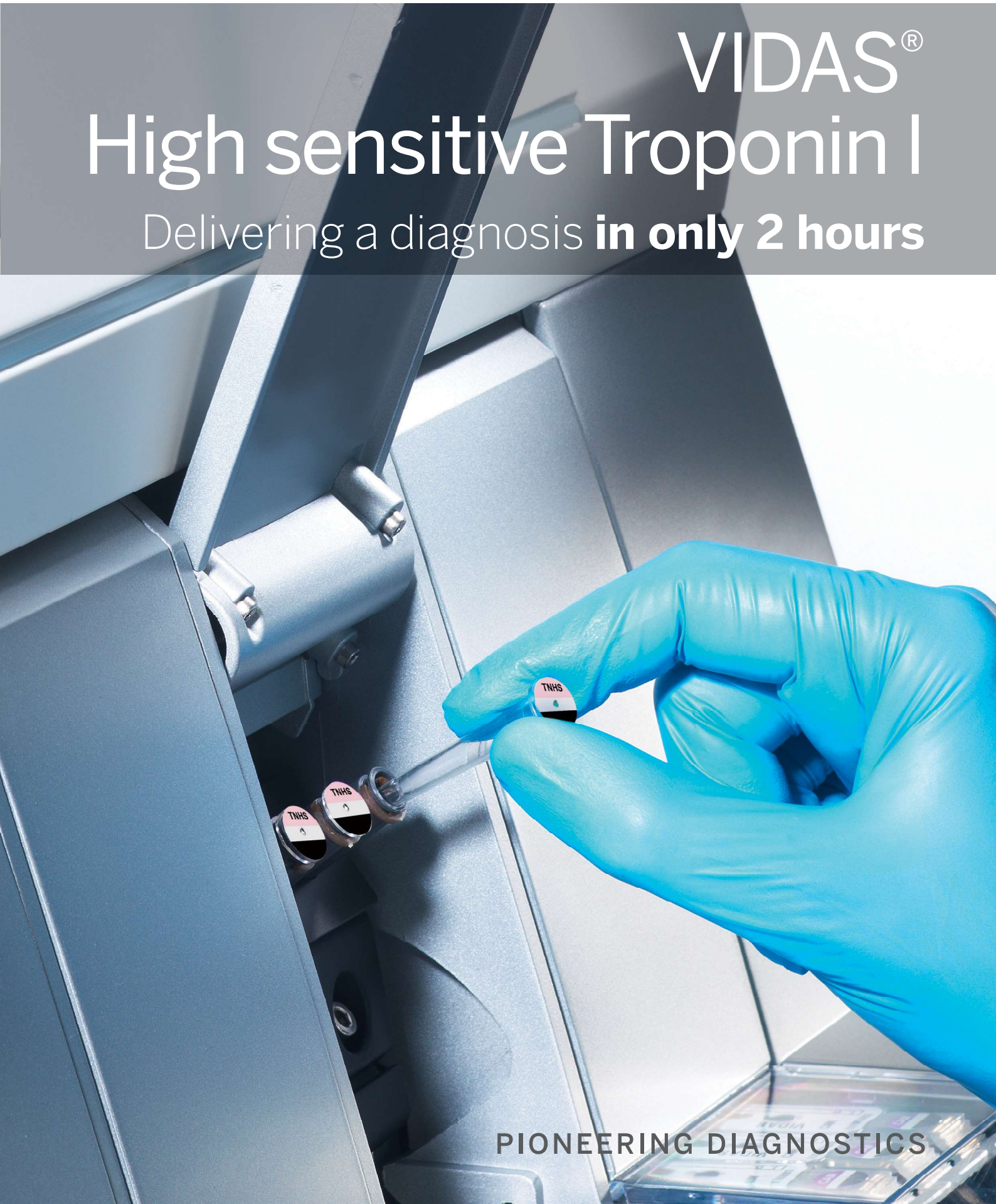


VIDAS[®] High sensitive Troponin I

Delivering a diagnosis **in only 2 hours**



PIONEERING DIAGNOSTICS

Did you know?



Worldwide **16 million** people die annually of **cardiovascular diseases**, specifically heart attacks or stroke ⁽¹⁾



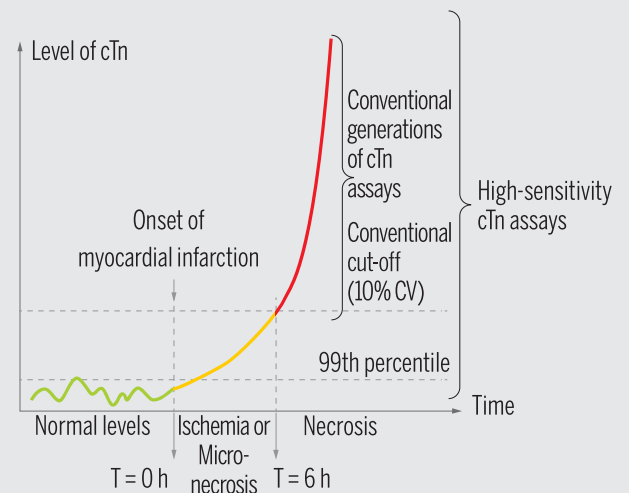
Chest pain is among the **top 10** reasons to visit an emergency department (ED), accounting for about 5% of all ED visits ⁽²⁾



Expected prevalence of acute myocardial infarction (MI) in chest pain patients in the ED ⁽³⁾
5-10% STEMI **15-20%** NSTEMI

Optimize the management of ACS with high sensitivity troponins ⁽⁴⁾

- New generation of **highly sensitive troponin (cTn) assays** allows **earlier detection of acute MI**, with shortening of time window for serial measurement to 3 hours.
- cTn has become a continuous variable with accurate measurement below the 99th percentile as well as small absolute changes within one or two hours. This has enabled development of **algorithms for reliable rule-out and rule-in of acute MI within 2 hours**.



DIAGNOSIS

- Mandatory tool, in addition to clinical assessment and ECG, to make a definitive diagnosis of acute MI.
- Serial measurement to differentiate acute from chronic cardiac myocyte damage.

RISK STRATIFICATION

- Additional tool in risk stratification to guide therapeutic decision making.

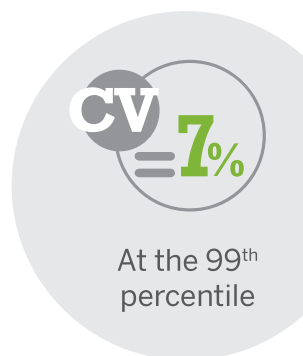
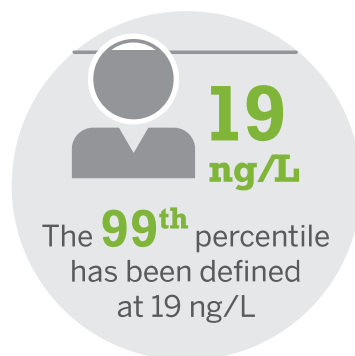
ST – segment elevation myocardial infarction
Non – ST – segment elevation myocardial infarction
Acute Coronary Syndrome

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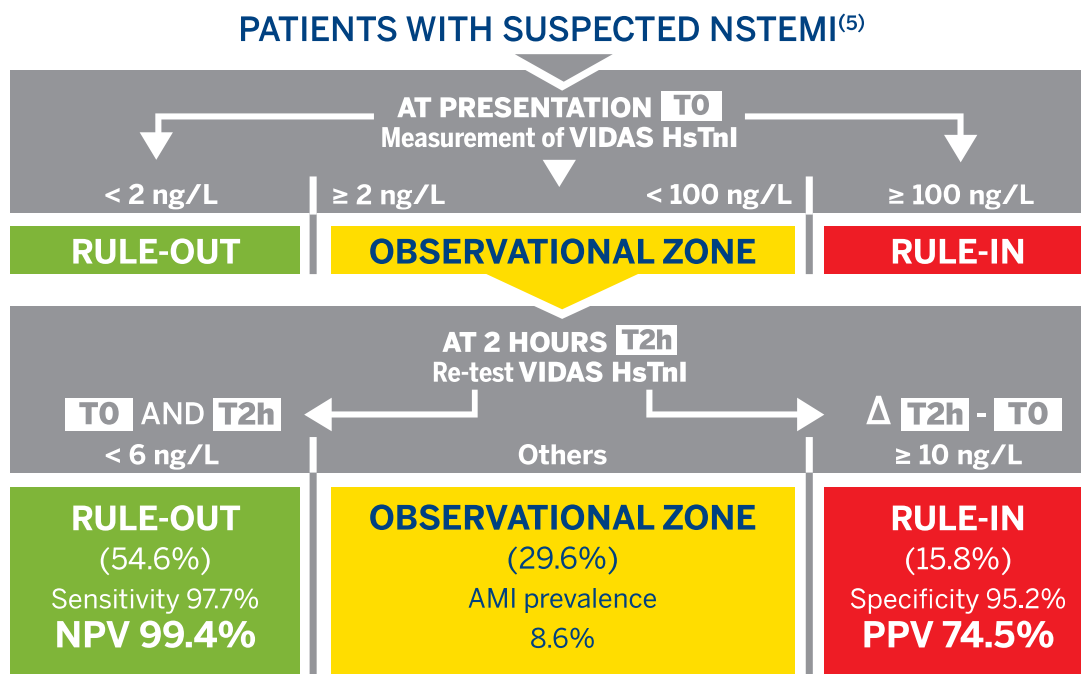
Deliver high performance

INTENDED USE:

- Aid in the **diagnosis of myocardial infarction**.
- Aid in the **risk stratification** of patients with symptoms suggestive of ACS with respect to relative risk of all-cause mortality and major adverse cardiac events (MACE) consisting of MI and revascularization, at 30 days.



Accelerate patient triage with high diagnostic accuracy in **only 2 hours**



- Algorithm based on admission values and absolute changes within the first 2 hours.
- Delivers a diagnosis - safe rule-out and accurate rule-in - of acute MI (NSTEMI) in the vast majority (70%) of suspected chest pain patients.
- Shortens the time needed to triage chest pain patients in the ED (will obviate the need for prolonged monitoring with frequent serial blood sampling).



AVAILABLE ON VIDAS[®] INSTRUMENTS: VIDAS[®], MINI VIDAS[®] AND VIDAS[®] 3



VIDAS[®] offers your lab simplicity and productivity. It will enhance your workflow, allowing you to handle batch series while maintaining specific management of emergency tests.

CARDIAC PANEL

- High sensitive Troponin I
- NT-proBNP2
- Galectin-3
- CK-MB
- Myoglobin
- Digoxin

	VIDAS [®] High sensitive Troponin I
Reference number	415386
Tests / kit	60
Time to result	20 min
Sample type	Serum, Plasma (Li Hep)
Sample volume	200 µL
Units	ng/L
Reportable measuring range	1.5 – 40 000 ng/L
Limit of quantification (LoQ)	2.9-4.9 ng/L
Limit of detection (LoD)	1.3-3.2 ng/L
Limit of blank (LoB)	0.0-1.9 ng/L
Precision (99th percentile for the global healthy population)	19 ng/L ; CV = 7.0%
Calibrators & Controls frequency	28 days

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5. Lindahl B, *et al.* Heart. 2017;103:125-131