Abbott

i-STAT hs-TnI CARTRIDGE

WHEN EVERY MINUTE MATTERS

Support rapid and accurate myocardial infarction (MI) diagnosis in ~15 minutes with *i-STAT® High Sensitivity Troponin-I (hs-TnI)* at the bedside

DELAYS IN MI ASSESSMENT CAN IMPACT TIME TO TREATMENT

Current approaches to troponin testing require clinicians to choose between speed and sensitivity:

	CURRENT APPROACHES		HIGH-SENSITIVITY TROPONIN *at the bedside*
	contemporary troponin *at the bedside*	hs-cTn *from central lab*	
SPEED Faster results at the bedside	+		+
SENSITIVITY Earlier detection with hs-cTn		+	+

High-sensitivity troponin at the bedside delivers both speed and sensitivity to accelerate decision-making

BEDSIDE TROPONIN TESTING REDUCES:

Time to anti-ischaemic therapy by ~45 MINUTES[1]

ED length of stay by 1.9 HOURS[2]

i-STAT hs-TnI DELIVERS LAB-QUALITY RESULTS AT THE BEDSIDE

Negative Predictive Value[3]*	~99%
Limit of Blank**	0.78 ng/L
Limit of Detection**	1.61 ng/L
Limit of Quantitation**	2.90 ng/L

*The NPV was calculated using the overall 99th percentile URL of 21 ng/L at >1 to 3 (hours) time interval.

** Values are based on results from whole blood.

WHOLE BLOOD DRAWN AT THE BEDSIDE DELIVERS RESULTS IN ~15 MINUTES

15+ YEARS EXPERIENCE IN TROPONIN TESTING OVERALL

IN A STUDY OF OVER

3,500 PATIENTS AT

28 SITES

results from *i-STAT hs-TnI* have been shown to have similar performance to lab-based high-sensitivity troponin assays.[3]

Not all products are available in all regions.

i-STAT hs-TnI ENABLES RAPID DECISIONS IN CHEST PAIN ASSESSMENT

A COMPREHENSIVE MENU ON A SINGLE SYSTEM

i-STAT System enables accelerated decision making at the bedside by providing testing for:

- Chemistries
- Blood gases
- Lactate
- Electrolytes
- Haematology
- Coagulation

SURVEYED CLINICIANS* WANT TO ACCELERATE CHEST PAIN DECISIONS

92% **of surveyed ED physicians**

92% **of surveyed cardiologists**

91% **of surveyed lab directors**

believe that hs-cTn at the point of care will be effective or extremely effective at accelerating chest pain decisions[4]

**n=182 (US, UK, Canada, Australia)*

ABBOTT POINT OF CARE SUPPORTS i-STAT hs-TnI IMPLEMENTATION AT THE BEDSIDE WITH:

SEAMLESS INTEGRATION
with your LIS and EMR for secure data sharing

IMPLEMENTATION SUPPORT
to enable *i-STAT hs-TnI* go-live

END-USER TRAINING
aligned to the needs of your staff

ON-DEMAND RESOURCES
to provide technical assistance

TO LEARN MORE, CONTACT YOUR LOCAL ABBOTT REPRESENTATIVE OR EMAIL US AT APOCANZ@ABBOTT.COM

Australia
https://www.globalpointofcare.abbott/au/en/index.html

New Zealand
https://www.globalpointofcare.abbott/nz/en/index.html

REFERENCES:
1. Kontos MC. Assessing the role of point-of-care cardiac markers in the emergency department. American College of Cardiology. Published 24 February 2011. Accessed 22 January 2025. www.acc.org/latest-in-cardiology/articles/2014/07/18/16/27/assessing-the-role-of-point-of-care-cardiac-markers-in-the-emergency-department. **2.** Singer AJ, Ardise J, Gulla J, Cangro J. Point-of-care testing reduces length of stay in emergency department chest pain patients. *Annals of Emergency Medicine*. 2005;45(6):587-591. doi:https://doi.org/10.1016/j.annemergmed.2004.11.020. **3.** Refer to hs-TnI Instructions for Use (IFU). **4.** Abbott. Data on File. October 2024.

The i-STAT hs-TnI cartridge with the i-STAT System is intended for use in the in vitro quantification of cardiac troponin I (cTnI) in whole blood or plasma samples in point of care or clinical laboratory settings. The i-STAT hs-TnI cartridge with the i-STAT System is intended to be used as an aid in the diagnosis of myocardial infarction (MI).

For in vitro diagnostic use only. This product is for use by Health Care Professionals only.

Not all products are available in all regions. This material is for use in Australia and New Zealand.
For intended use and complete product information, visit www.globalpointofcare.abbott.

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