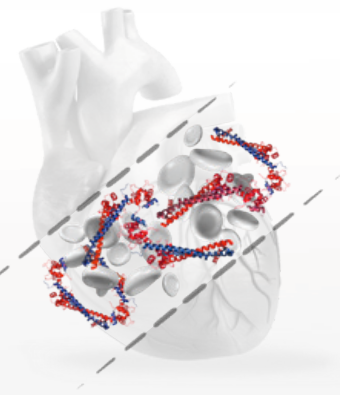


High-Sensitivity Troponin I (TnIH) Assay

The only high-sensitivity troponin assay cleared for both diagnosis and prognosis



Unlocking troponin insights

The Atellica IM TnIH assay meets the IFCC high-sensitivity definition, which is **internationally recognized as the standard of care** for diagnosis of acute myocardial infarction (AMI).¹

Now, for the first time in the U.S., the **Atellica IM TnIH assay** offers a cleared intended use for **both diagnosis and prognosis**.²

"...this test, in combination with a robust clinical assessment, can inform physicians on an immediate and long-term management of patients to reduce risk for adverse events."

Dr. Alan H.B. Wu, Core Lab Co-Director,
Zuckerberg San Francisco General Hospital

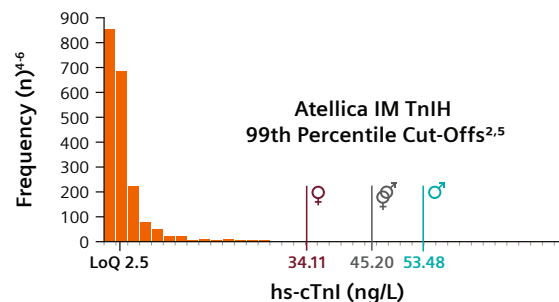
Comprehensive Atellica Portfolio Cardiac Menu

► High-Sensitivity Troponin I	BNP Myoglobin	CKMB NT-ProBNP
-------------------------------	------------------	-------------------

Clinical utility

- Enables rapid AMI detection and prognosis of future mortality and cardiovascular risk.
- Clinical cutoff at the 99th percentile aids in both AMI diagnosis and prognosis.
- Mitigates common interferents such as biotin, hemolysis,^{2,3} and autoantibodies.⁴

Actionable results for all cohorts, regardless of sex.



Healthcare impact^{2,3}

Aids in rapidly and accurately detecting AMI

Highly precise results across more than 90% of the low end of detection.

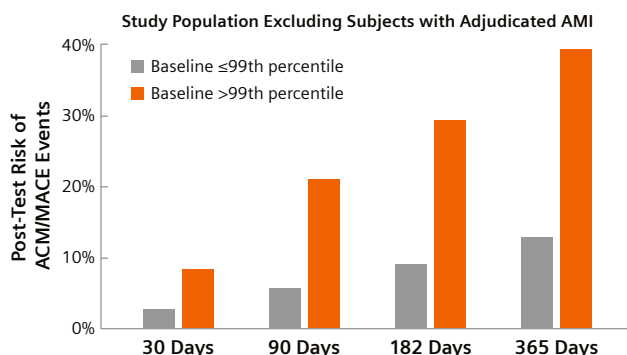
STAT results without interrupting routine workflows

10-minute time to first result for Atellica IM and CI Analyzers.

Assist with the creation of tailored care plans

Prognostic risk metrics for ACM and MACE at 30-, 90-, 182-, and 365-days post-ED visit.

Monitor post-test risk of all-cause mortality and major adverse cardiac events for up to 365 days^{2,3}



Assay Highlights

Assay Specifications

Assay principle	Chemiluminescent technology
Sample type	Serum, lithium heparin plasma
Sample volume	100 µL
Auto dilution	1:2; 1:5
Analytical measuring range	2.50–25,000.00 ng/L
Limit of quantitation	2.50 ng/L
Reagent onboard stability	Atellica IM Analyzer: 28 days Atellica CI Analyzer: 90 days
Time to first result	10 minutes
Calibration frequency (lot)	47 days
Atellica CI vs. Atellica IM Method Comparison	$y = 1.00x - 0.04$ ng/L ($r=0.996$)

Atellica IM TnIH Ordering Information^{2,3}

Material Description	SMN No.	Contents
Atellica IM High-Sensitivity Troponin I (TnIH)	10997840 10997841	100 tests; 1 calibrator set included 500 tests; 2 calibrator sets included
Atellica IM APW3 (probe wash)	10998580	2 x 25.0 mL ancillary reagent packs
Atellica IM Multi-Diluent 11 (diluent)	10995642	2 x 5.0 mL ancillary reagent packs
Atellica IM TnIH MCM (master curve material)	10997842	5 x 1.0 mL levels of master curve material

Visit [siemens-healthineers.com/tnih-assay](https://www.siemens-healthineers.com/tnih-assay) to learn more.

Atellica and all associated marks are trademarks of Siemens Healthcare Diagnostics Inc., or its affiliates. All other trademarks and brands are the property of their respective owners.

Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

References:

1. Apple FS, et al. Clin Chem. 2017 Jan;63(1):73-81.
2. Atellica IM High-Sensitivity Troponin I (TnIH) 11200498_EN Rev. 10, 2024-09
3. Atellica CI High-Sensitivity Troponin I (TnIH) 11643105_EN Rev. 10, 2024-09
4. Data on file
5. Lithium Heparin plasma samples
6. Healthy patient population

Siemens Healthineers Headquarters

Siemens Healthineers AG
Siemensstr. 3
91301 Forchheim, Germany
Phone: +49 9191 18-0
[siemens-healthineers.com](https://www.siemens-healthineers.com)

Published by

Siemens Healthcare Diagnostics Inc.
Core Lab Solutions
511 Benedict Avenue
Tarrytown, NY 10591-5005
USA
Phone: +1 914-631-8000