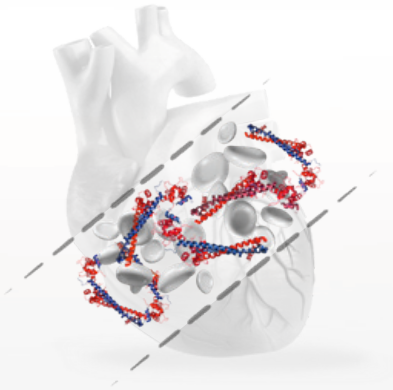
High-Sensitivity Troponin I (TnIH) Assay

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

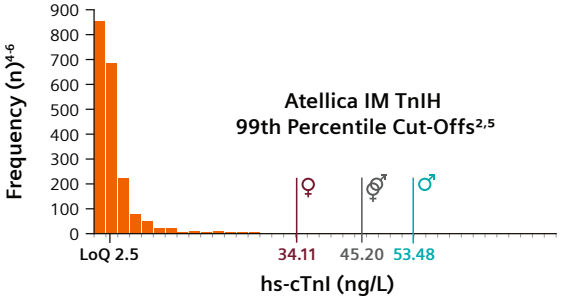
Comprehensive Atellica Portfolio Cardiac Menu

▶ **High-Sensitivity Troponin I**	BNP	CKMB
	Myoglobin	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

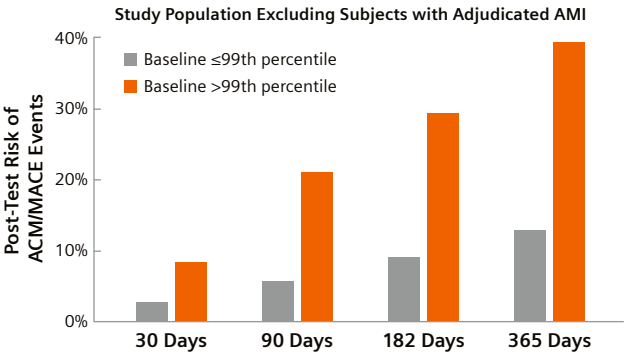
10-minute time to first result for Atellica IM and CI Analyzers.

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.

SIEMENS Healthineers

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 to learn more.

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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

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