HOLOGIC®

Aptima® HCV Quant Dx Assay

- Proven performance for diagnosis of active infection and viral load monitoring.

Demand more from your HCV Nucleic Acid Amplification Tests. Deliver accurate, sensitive results for both diagnosis and monitoring to help inform life-saving care.

Broad coverage and mutation protection by design.

- **Full Genotype Coverage:** Targets a highly conserved region of the HCV genome to ensure accurate detection and quantitation across all major genotypes (1–6), regardless of patient population or regional strain variability.
- **Optimized Primer-Probe Architecture:** Utilizes long, redundant oligonucleotides to enhance hybridization specificity and reduce the risk of non-specific amplification, for consistent and accurate results.
- **Rigorous Analytical Validation:** Rigorously tested across a wide dynamic range and diverse clinical samples to meet stringent standards for sensitivity, linearity, and reproducibility.

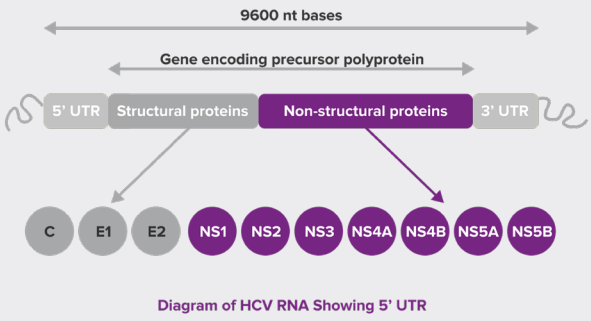
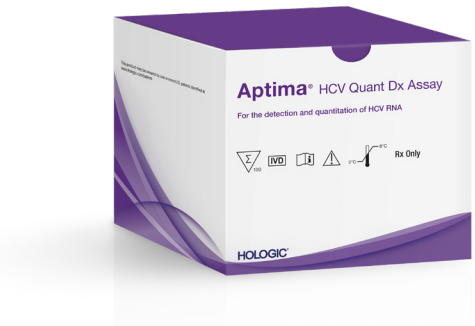


Diagram of HCV RNA Showing 5' UTR



Dual claims are your efficiency advantage.

The Aptima® HCV Quant Dx Assay offers dual-claim efficiency—supporting both diagnosis and viral load monitoring with a single assay that is aligned with clinical guidelines. By consolidating testing and simplifying inventory, it empowers you to optimize resource allocation, maintain compliance, and deliver high-quality results with confidence.

"The Aptima Panther platform offers equivalent clinical performance for the viral load measurement of these three viruses [HIV-1, HCV, HBV], with the added benefits of reduced turnaround time, random access capability and reduced 'hands-on time' for staff, resulting in a potentially superior workflow for diagnostic laboratories."

— May S, et al.[2]

Aptima®

Sensitive, accurate, reliable. You can have it all.

Performance

LoD	Plasma: 3.9 IU/mL Serum: 3.4 IU/mL	**LLoQ**	Plasma: 10 IU/mL
Linear Range	10 to 100 million IU/mL		

Deliver the performance of Aptima® Assays with the power of the Panther® System. Experience automation that truly adapts to your lab. With true random access loading and the throughput you need, the Panther System gives your lab flexible automation designed to adapt to your workflow.

Key Automation Characteristics	
Random Access	No batching means streamlined operations; load multiple sample types with different test orders as they arrive.
Primary Tube Processing	Primary tube loading means reduced hands on time - no need for clips, aliquoting, or manual sample transfer. Automated barcode scanning ensures positive sample ID. Tube flexibility includes PPT, ACD, EDTA, Serum, and SST tubes.
Flexible Sample and Reagent Loading	Optimize workflow efficiency with the ability to run multiple tests from a single sample and flexibility with the ability to load and unload samples and reagents at any time.
Rapid Turnaround Time with Stat Result Option	First results available in only 2 hours and 41 minutes. STAT sample loading enables immediate prioritization of urgent samples, ensuring you deliver critical answers faster when every minute counts.
Automated QC Analysis	Specialized reports to automate tracking and trending of QC gives you real-time insights into assay performance.
Low Sample Volume Option (240µL) with Automated Dilution Factor	Deliver results even when sample volume is a challenge. Specified dilution factor automatically applied, avoiding manual calculations.

Product Design

Intended use	Aid in the diagnosis of active HCV infection and viral load monitoring	**Genotypes**	1 – 6
Technology	Real-time transcription-mediated amplification (RT-TMA)	**Sample Types**	Plasma: EDTA, ACD, PPT Serum: SST, serum tubes
Target Region	Highly conserved region of HCV RNA (5'UTR)	**Sample Input Volume**	Primary tube: 1.2mL Secondary tube: 700µL Dilution workflow: 240µL with automated dilution factor.

Want to learn more?
Scan the QR code now to visit our website for more information.

RUN ON

References: 1. Aptima HCV Quant Dx assay. US package insert AW-30900-001. Hologic, Inc.; 2024. **2.** May S, Adamska E, Tang JW. Evaluating the Aptima HIV-1 Quant Dx, HCV Quant Dx, and HBV Quant assays against the Abbott HIV-1, HCV, and HBV RealTime assays. J Clin Virol. 2018;106:7-10. doi:10.1016/j.jcv.2018.06.015