

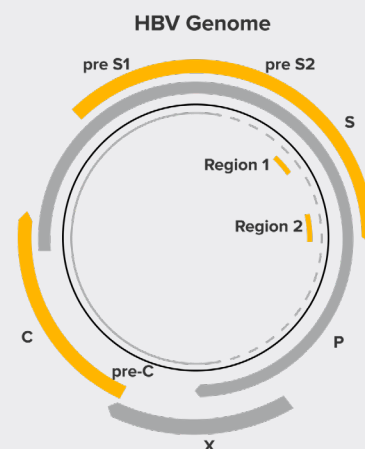
Aptima® HBV Quant Assay

- Resilient dual-target design for accurate viral load monitoring.

Monitor precisely. Monitor reliably. Deliver accurate, repeatable viral load results that providers rely upon for vital care choices.

Meticulous Design. Designed for Resilience.

- Strategic Targeting:** Dual targets in highly conserved regions of the HBV genome ensure consistent detection across genotypes A–H to minimize the impact of viral mutations.
- Broad Linear Range:** Accurately quantifies HBV DNA across a wide dynamic range, supporting both low- and high-titer monitoring for treatment management.
- Rigorous Analytical Validation:** Subjected to extensive performance testing to meet stringent standards for sensitivity, linearity, and reproducibility across a broad dynamic range.



Partner with the Panther® System. Support Treatment Success, Together.

The Aptima® HBV Quant Assay delivers clinically reliable quantitation across all major genotypes with a broad linear range, providing key viral load insights for effective monitoring during treatment. Designed to run on the Panther® System alongside the Aptima® HIV-1 Quant Dx and Aptima® HCV Quant Dx Assays, it enables a complete viral load portfolio with streamlined operations and consistent performance.



“...the Aptima HBV Quant assay is sensitive, specific, and reproducible and accurately quantifies HBV DNA in plasma samples from patients with chronic HBV infections of all genotypes, including patients on antiviral treatment...”

– Chevaliez S, et al.²

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

Performance

LoD	Plasma: 4.8 IU/mL	LLoQ	Plasma: 6 IU/mL
	Serum: 5.9 IU/mL		Serum: 8 IU/mL
Linear Range	10 IU/mL to 1 billion 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	HBV viral load monitoring	Genotypes¹	A – H
Technology	Real-time transcription-mediated amplification (RT-TMA)	Sample Types	Plasma: EDTA, ACD, PPT Serum: SST, serum tubes
Target Region	Polymerase and surface genes	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.



References: 1. Aptima HBV Quant assay. US package insert AW-30898-001. Hologic, Inc.; 2024. 2. Chevaliez S, Dauvillier C, Dubernet F, Poveda J-D, Laperche S, Hézode C, Pawlotsky J-M. 2017. The new Aptima HBV Quant realtime TMA assay accurately quantifies hepatitis B virus DNA from genotypes A to F. J Clin Microbiol. 55:1211–1219. <https://doi.org/10.1128/JCM.02219-16>.

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