

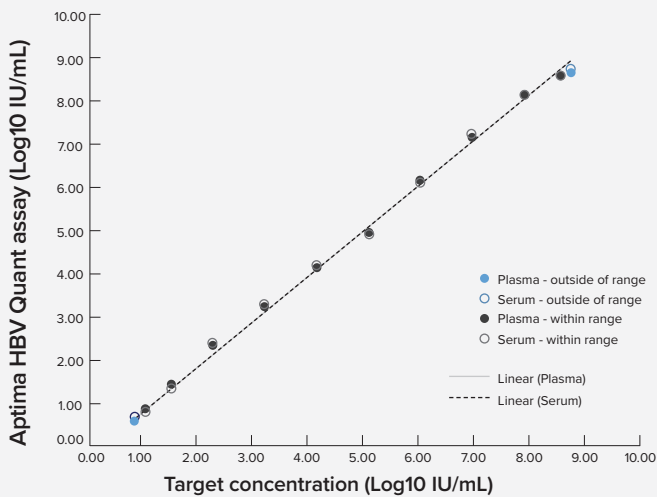


# Aptima<sup>®</sup> HBV Quant Assay

Dual-target assay for accurate viral load monitoring.

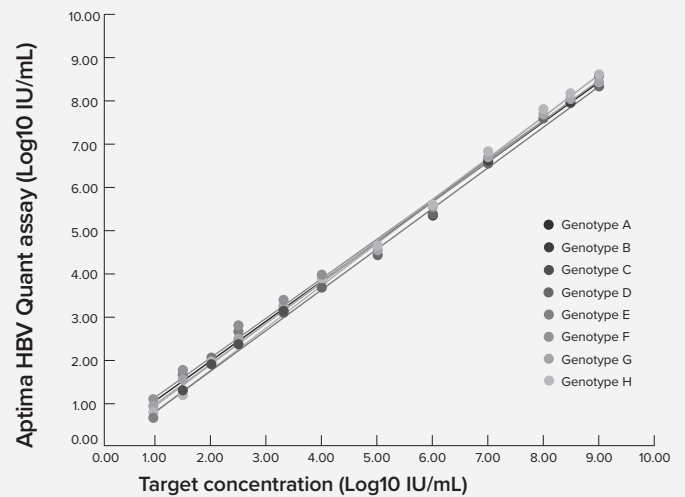
**Quantitate with confidence.** Deliver trusted results with dual targets across wide linear range and all major HBV genotypes.

Linearity of the Aptima<sup>®</sup> HBV Quant assay in plasma and serum

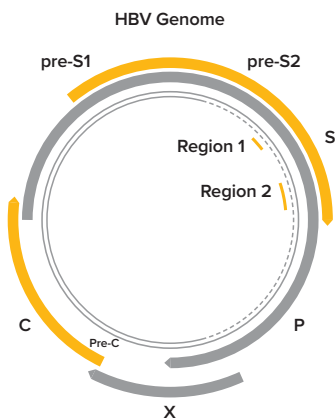


Quantitate HBV viral load as low as 10 IU/mL and as high as 1 billion IU/mL.<sup>1</sup>

Linearity across HBV genotypes – plasma



Linearity has been validated across HBV genotypes A–H for added confidence in your results.<sup>1</sup>



## Unique design and ultimate confidence across a wide dynamic range

- Targets 2 highly conserved regions in the polymerase and surface genes.
- Provides added tolerance to mutations in the HBV genome.
- Ensures accurate quantitation over a wide linear range.

The Aptima® HBV Quant assay on the Panther® system combines performance and excellent automation for viral load monitoring.

Sample-to-result within a single integrated instrument

Key automation characteristics <sup>2</sup>	
Random access	No more batching; load samples with different test orders as they arrive Run HBV with other assays at the same time
Primary tube processing	No need for aliquoting or manual sample transfer Tube flexibility: PPT, ACD and EDTA tubes validated
Flexible sample and reagent loading	Run multiple tests from a single sample No manual sample prep or barcode clips Automated barcode scanning of tubes allows positive sample identification
Rapid turnaround time with stat result option	First results in 2 hours, 41 minutes stat result option: ability to prioritise results
Automated QC analysis	Levey-Jennings plots to track and trend controls
Low sample volume option (240 µL) with automated dilution factor	Specified dilution factor automatically applied versus manual calculations

Ordering information

Aptima® Virology assay	Items	Quantity	Catalogue number
<b>Aptima HBV</b> Quant Assay	Aptima HBV-1 Quant Assay Kit (1 assay box, 1 calibrator kit, 1 controls kit and 1 Target Enhancer Reagent box)	100 Tests	PRD-03868

Primary tube sampling

- ✓ Plasma: EDTA, ACD, PPT
- ✓ Serum: SST, serum tubes

RUN ON  
**PANTHER®**



References: 1. Aptima HBV Quant Assay [package insert] AW-13182 San Diego, CA Hologic Inc 2025 2. Panther®/Panther Fusion® System Operator's Manual AW-30520-001 Rev. 001.