

Aptima® Virology Assays

■ Unparalleled Combination:
Excellent Performance + Full Automation

A big leap forward in virology testing. The Aptima® Virology Portfolio delivers reliable repeatable results you can count on.



The Aptima® HIV-1 Quant Dx Assay:

Excellent Sensitivity and High Precision¹

- FIRST and ONLY dual-claim assay to confirm HIV-1 infection and measure viral load for optimal patient management.
- High precision in quantitation, with narrow coefficient of variation across the linear range, including low-viremia samples.
- Accurately quantifies HIV-1 RNA from 30 to 10 million copies/mL.
- Verified across HIV-1 groups M, N and O with multiple replicates and multiple reagent lots.

The Aptima® HCV Quant Dx Assay:

Precise Performance from Diagnosis to Sustained Virological Response²

- Detect HCV RNA as low as 3.9 IU/mL in plasma samples and 3.4 IU/mL in serum samples.
- Accurately quantifies HCV RNA from 10 to 100 million IU/mL.
- Linear range established across all major HCV genotypes (1 – 6) in both plasma and serum samples.

The Aptima® HBV Quant Assay:

Dual Target HBV Monitoring Assay for Added Tolerance of Mutations³

- Track low-level concentration of HBV virus across all major HBV genotypes.
- Accurately quantifies HBV DNA as low as 10 IU/mL and as high as 1 billion IU/mL in plasma and serum samples.
- Linear range validated across all major HBV genotypes (A – H).

Excellent performance. Assay performance meets true sample-to-result automation, delivering everything your lab needs to meet today's molecular testing demands.

Ordering Information

Aptima® Virology Assay	Items	Quantity	Catalog #
Aptima® HIV-1 Quant Dx Assay	Aptima HIV-1 Quant Dx Assay Kit (1 assay box, 1 calibrator kit, 1 controls kit)	100 Tests	PRD-03565
Aptima® HCV Quant Dx Assay	Aptima HCV Quant Dx Assay Kit (1 assay box, 1 calibrator kit, 1 controls kit)	100 Tests	PRD-03705
Aptima® HBV Quant Assay	Aptima HBV Quant Assay Kit (1 assay box, 1 calibrator kit, 1 controls kit)	100 Tests	PRD-03868



“Increasing lab efficiency is mandated by changes in healthcare; necessitating an increase in throughput and automation while maintaining high assay performance.” – Amendola A, et al.⁴

Verified Sample Collection



- ✓ Serum
- ✓ Plasma (EDTA, ACD)



Visit USAptimaVirology.com for more information.

References: 1. Aptima HIV-1 Quant assay. US package insert AW-18107. Hologic, Inc.; 2020. 2. Aptima HCV Quant Dx assay. US package insert AW-14498. Hologic, Inc.; 2018. 3. Aptima HBV Quant assay. US package insert AW-15644. Hologic, Inc.; 2018. 4. Amendola A, et al. Evaluation of the Aptima HIV-1 Quant Dx assay for HIV-1 RNA viral load detection and quantitation in plasma of HIV-1-infected individuals: a comparison with Abbott RealTime HIV-1 assay. J Med Virol. 2016;88(9):1535-1544.

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