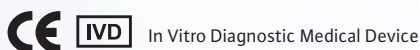




XPert® HIV-1 VIRAL LOAD

Test Reagent Kit	Xpert HIV-1 Viral Load
Catalog Number	GXHIV-VL-CE-10
Technology	Real-Time qRT-PCR (Real-Time Quantitative Reverse Transcription PCR)
Target	HIV-1 Group M subtypes A, B, C, D, F, G, H, J, K, CRF01_AE, CRF02_AG, CRF03_AB; Group N; Group O
Batch or On-Demand	On-demand
Minimum Batch Size	1
Sample Types	1 mL of plasma
Sample Extraction	Automated/Integrated
Precision Pipetting	Single use disposable pipette provided
TAT	90 minutes
Hands-On Time	<1 minute
Controls: Process and Quantification	Sample Volume Adequacy (SVA) High and Low Internal Quantification Standards (IQS-H/IQS-L)
Controls: Probe Function/Detection	Probe Check Control
Limit of Detection <i>(for HIV-1 Subtype B in EDTA plasma, for other subtypes refer to the Package Insert)</i>	Probit analysis on 3 lots: LOD WHO reference material: 18.3 cp/mL LOD VQA reference material: 15.3 cp/mL
Limit of Quantitation	40 cp/mL
Linear Range	40 to 10,000,000 cp/mL
Sample Storage	Whole blood: 15–30°C up to 8 hours, 15–25°C up to 24 hours; 2–8°C for up to 72 hours; Plasma: 15–30°C up to 24 hours; 2–8°C up to 6 days; –70°C to –18°C up to 6 weeks
Kit Storage	2–28°C
Commercial Controls	Refer to Product Insert or Contact Cepheid Technical Support

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