



Putting Patients First



The Complete Test Solution for Hepatitis and HIV

Simplifying Diagnostic Pathways
and Expanding Access to Testing

CE-IVD. In Vitro Diagnostics Medical Device. Not available in all countries. Not available in the United States.

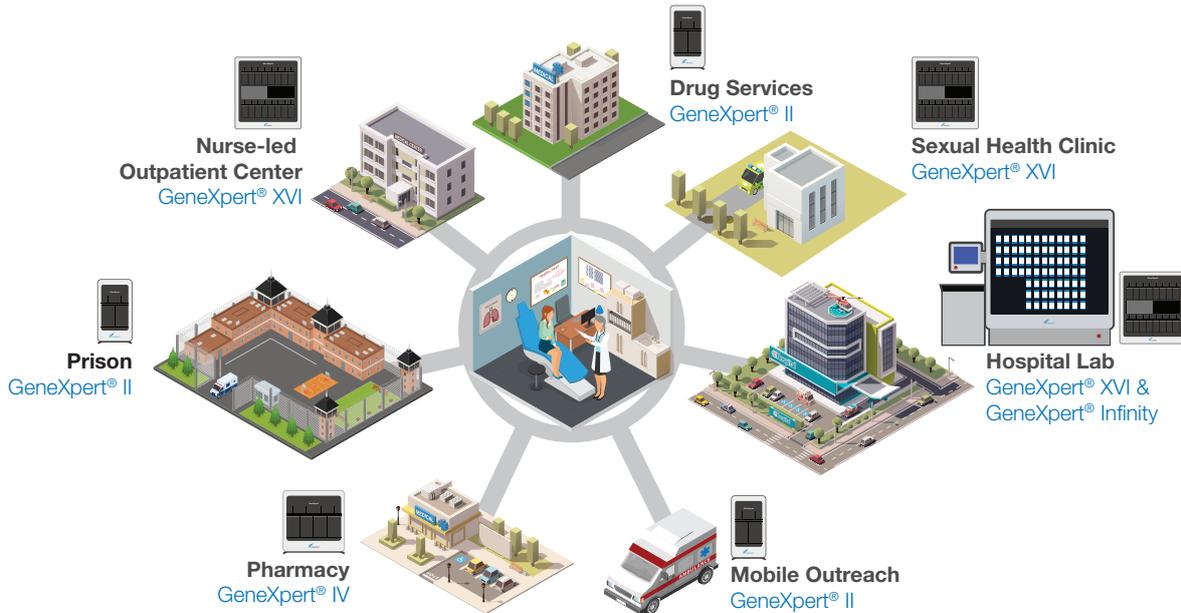
**Cepheid**
A better way.

Fast On-Demand Testing for Better Patient Management

Cepheid is committed to delivering the most innovative and comprehensive solutions for HIV, Hepatitis B and Hepatitis C to simplify diagnostic pathways. We are focused on providing fast and actionable results that improve patient outcomes and reduce complications in the most vulnerable populations.

Virology Testing Solutions Designed to Reach Your Patients

From primary health care clinics for near patient testing to the largest reference labs, the GeneXpert® System means scalability, ease-of-use, fewer disposables to stock, a single maintenance schedule and a compact footprint.



Delivering Laboratory Quality Diagnostic Testing Near to the Patient



Xpert® HIV-1 Qual

A near patient, sensitive HIV qualitative test is needed for early detection of acute infections in high risk populations to reduce viral transmission.

 **90 minutes** run time

- 100 µL of whole blood (WB) or 1 dried blood spot (DBS)
- Detection of HIV-1 RNA from Group M*, Group N and Group O
- Limit of detection 278 cp/mL from whole blood[^] and 668cp/mL from DBS[^]



Xpert® HCV VL Fingerstick

Detection and quantification of HCV RNA directly from a drop of blood at the point of care can simplify the diagnostic pathway to improve patients' linkage to care.

 **58 minutes** run time

- 100µl human fingerstick EDTA whole blood or venous EDTA whole blood
- Genotypes 1-6 over range 100 to 10⁸ IU/mL
- Limit of detection 35 IU/mL for HCV genotype 6e^{*#}

Consolidate Hepatitis and HIV Testing

Flexible → Simple → Fast

- No batch, no delay
- Run daily or on-demand
- Throughput flexibility to suit your needs
- Quantification standards and controls run in each sample for highest quality results
- No additional consumables or reagents to manage
- Random access 24/7 availability
- HIV, HBV and HCV testing on the same platform at any time and any throughput
- Fixed cost per sample with integrated controls and standards



Xpert® HIV-1 Viral Load

Xpert HIV-1 Viral Load is for detection and quantification of HIV-1 RNA infected individuals. Viral Load testing that can adapt to on demand urgent samples to flexible batch volumes and simple enough for decentralised testing.

 **90 minutes** run time

- 1 mL of plasma
- HIV-1 Group M*, Group N, and Group O over range 40–10⁷cp/mL
- LOD is 18.3cp/mL for HIV-1 subtype B*#



Xpert® HBV Viral Load

Xpert HBV Viral Load quantifies HBV DNA in human serum or plasma from infected individuals. Together with clinical presentation and other laboratory markers it aids assessment disease prognosis and response to antiviral treatment.

 **59 minutes** run time

- 0.6 mL-1 mL of EDTA plasma or serum
- Genotypes A-H over range 10 to 10⁹ IU/mL
- LOD 3.22 IU/mL plasma and 5.99IU/mL for genotype*#



Xpert® HCV Viral Load

Xpert HCV Viral Load quantifies HCV RNA in infected patients. It aids management of patients undergoing antiviral therapy and can be used to predict sustained virological response. Results may be used to confirm HCV infection in anti-HCV positive individuals.

 **105 minutes** run time

- 1 mL EDTA plasma or serum
- Genotypes 1-6 over range 10 to 10⁸ IU/mL
- LOD 4.0 IU/mL plasma and 6.1 IU/mL genotype 1*#

* For other types please refer to the Package Insert

^ WHO international reference standard

Please refer to relevant Package Insert for LOD data on other types

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Complex Technology Made Simple

With more than 20,000 systems installed worldwide, Cepheid's GeneXpert® System has established itself as the platform of choice, capable of delivering any test, at anytime, anywhere in the healthcare system, and with a throughput from 1 up to 596 tests per 8 hour shift.*

2 Easy Steps



1 Transfer sample as per package insert to the cartridge[^]



2 Scan, load cartridge and start test



GeneXpert I GeneXpert II GeneXpert IV



GeneXpert XVI



Infinity System

CATALOG INFORMATION

Xpert® HIV-1 Viral Load	10 tests	GXHIV-VL-CE-10
Xpert® HIV-1 Qual	10 tests	GXHIV-QA-CE-10
Xpert® HCV VL Fingerstick	10 tests	GXHCV-FS-CE-10
Xpert® HCV Viral Load	10 tests	GXHCV-VL-CE-10
Xpert® HBV Viral Load	10 tests	GXHBV-VL-CE-10

COLLECTION DEVICES (NOT INCLUDED IN KIT):

Sarstedt Minivette® POCT 100 µl	Minivette100E-100
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* Operational throughput per 8 hour shift based on HBV Viral Load testing Internal data

[^] Please refer to the Package Inserts

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