



PCR | VIROLOGY

# GENERIC HIV CHARGE VIRALE

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Viral load quantification of HIV-1 by real-time PCR

Innovation with Integrity

## Monitoring of HIV-1 treated patients

- Quantification of HIV-1 RNA in EDTA plasma
- Accurate and easy-to-use
- Real-time PCR validated on the main available thermocyclers

## GENERIC HIV CHARGE VIRALE for monitoring HIV-1 antiretroviral treatment efficiency

HIV remains a major problem of public health, with nearly 40 million infected people worldwide. WHO recommends facilitating access to diagnosis and treatment, in order to start antiretroviral therapy as early as possible for all infected people and thus limit the occurrence of life-threatening complications. By stopping viral replication, treatments can improve the length and the quality of life of infected people. Measuring the viral load by quantification of HIV-1 RNA allows the monitoring of the treatment effectiveness and the early switching of the therapy in case of treatment failure.

- Accurate quantification with five standards constituted of inactivated HIV-1 particles
- Automated nucleic acid extraction with the GenoXtract® and ready-to-use cartridges
- Results at a glance with the FluoroCycler XT®

Target	Sample	Extraction	Validated thermocyclers
<b>LTR region</b>	Plasma	<b>GenoXtract®</b>	√ Hain Lifescience FluoroCycler® XT
Group M	EDTA	GXT NA Extraction	√ Hain Lifescience FluoroCycler® 96
(subtypes A to H)	250 µL		√ Bio-Rad CFX96
			√ ThermoFisher ABI® 7500
			√ ThermoFisher QuantStudio™ 5DX
			√ Roche Lightcycler® 480

### Rapid and accurate quantification of the HIV-1 viral load

GENERIC HIV CHARGE VIRALE is an accurate test for the quantification of HIV-1 RNA from only 250 µL of plasma EDTA samples by targeting the highly conserved LTR region. Automated extraction with the GenoXtract®, in combination with GXT NA Extraction kits, provides highly purified nucleic acids for optimal PCR performance.

GENERIC HIV CHARGE VIRALE can easily be implemented in the routine analysis workflow using existing laboratory equipment, as the commonly available thermocyclers are validated with the assay. Particularly, the FluoroCycler® XT provides fully automated analysis with FluoroSoftware® XT-IVD generating results at a glance, in an easy-to-use, easy-to-interpret test report.

### Order information

#### GENERIC HIV CHARGE VIRALE


220 tests / Part No. TR001-250IC

440 tests / Part No. TR001-440IC



Read instructions for use and/or labelling of the product.  
Please contact your local representative for availability in your country.  
Not for sale in the USA, Brazil, Australia, Japan and Canada.

GenoXtract®, FluoroCycler® and FluoroSoftware® are registered trademarks of the Bruker group of companies.  
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