

PCR | VIROLOGY

GENERIC HBV CHARGE VIRALE

version 2.0

Viral load quantification of hepatitis B virus (HBV)
by real-time PCR

Innovation with Integrity

Monitor the patients with chronic hepatitis B

- Quantification of HBV DNA in EDTA plasma
- Sensitive, accurate and easy to use
- Real-time PCR validated on the main available thermocyclers

GENERIC HBV CHARGE VIRALE version 2.0 for monitoring chronic hepatitis B

Almost 300 million people worldwide are living with chronic hepatitis B, often leading to life-threatening complications such as cirrhosis or hepatocellular carcinoma. WHO estimates that 12-25% of patients with chronic hepatitis B are eligible for drug therapy, which must be continued lifelong. The treatment aims to stop viral replication and to slow down the progression of the disease. Measuring the viral load by quantification of HBV DNA allows treatment assessment, monitoring of disease progression and viral response to antiviral treatment.

- Reliable due to the encapsulated internal control included from the extraction step
- Accurate quantification with the range of 4 standards included in the assay
- Automated NA extraction with the GenoXtract® and ready-to-use cartridges
- Results at a glance with the FluoroCycler® XT

Target	Sample	Limit of detection	Validated thermocyclers
S gene Genotypes A to H	EDTA	5 IU/ml for 500 µL	√ Hain Lifescience FluoroCycler® XT
	plasma	11 IU/ml for 250 µL	√ Hain Lifescience FluoroCycler® 96
			√ Bio-Rad CFX96
			√ ThermoFisher ABI® 7500
			√ ThermoFisher QuantStudio™ 5DX
		√ Roche Lightcycler® 480	

Rapid and accurate quantification of the hepatitis B viral load

GENERIC HBV CHARGE VIRALE version 2.0 is a highly sensitive and accurate test for quantification of HBV DNA from plasma EDTA samples. The automated extraction with the GenoXtract®, in combination with GXT NA Extraction kits, provides high quality nucleic acid extraction for optimal PCR performance.

GENERIC HBV CHARGE VIRALE version 2.0 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 HBV CHARGE VIRALE version 2.0

220 tests / Part No. TR004.2-250IC



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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