

CE-IVD

TaqPath Menu GeneProof Hepatitis C Virus (HCV) Diagnostic PCR Kit

Molecular diagnostic for hepatitis

Applied Biosystems™ TaqPath™ Menu | GeneProof™ Hepatitis C Virus (HCV) Diagnostic PCR Kit features:



Reliable diagnostics

- Dual targeting reduces detection failures caused by the occurrence of mutations
- 100% diagnostic sensitivity



Easy-to-use concept

- Single tube ready-to-use Master Mix contains all components for PCR amplification
- No additional pipetting of PCR reagents is necessary



Contamination reduction

- Master Mix contains uracil-DNA glycosylase (UNG) and dUTPs reducing carryover contamination



WHO standard-based quantification

- Precise and fully traceable quantification according to the 5th HCV International Standard NIBSC, 14/150



Compatible with a wide range of real-time PCR devices



High specificity

- The kit detects known HCV genotypes 1–8
- 100% diagnostic specificity

Product details for the TaqPath Menu | GeneProof Hepatitis C Virus (HCV) Diagnostic PCR Kit

Technology	Qualitative and quantitative real-time PCR
Target sequence	Conservative region of 5' UTR sequence
Sample type	Plasma (EDTA, citrate), serum
Analytical specificity	HCV genotype 1–8, 100%
Analytical sensitivity (LoD)	53.505 IU/mL (on HCV NIBSC 14/150 using GeneProof PathogenFree RNA Isolation Kit) 170.062 IU/mL (on HCV NIBSC 14/150 using croBEE 201A Nucleic Acid Extraction Kit) 33.473 IU/mL (on Acrometrix HCV-S Panel using MagCore Automated NA Extractor) 7.95 IU/mL (on Acrometrix HCV-S Panel using SpinStar Viral Nucleic Acid Kit 1.0 with SpinStar Pretreatment Solution)
Diagnostic specificity	100.00% (CI _{95%} : 99.07%–100.00%)
Diagnostic sensitivity	100.00% (CI _{95%} : 95.39%–100.00%)
Extraction/inhibition control	PCR inhibition and reverse transcription efficiency and RNA extraction efficiency control
Instruments	Applied Biosystems™ 7300 and 7500 Real-Time PCR Systems croBEE Real-Time PCR System AMPLilab Real-Time PCR System AriaMx Real-Time PCR System BioQuant-96 Real-Time PCR System CFX Connect/CFX96/Dx Real-Time PCR Detection Systems LightCycler 480 LineGene 9600 Plus Mic qPCR Cyclers Rotor-Gene 3000/6000/Q
Validated extraction methods	Refer to the Instructions for Use (IFU)
Detection channel	FAM, HEX
External quality assessment	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels

Ordering information

Description	Quantity	Cat. No.
TaqPath Menu GeneProof Hepatitis C Virus (HCV) Diagnostic PCR Kit	100 reactions	A58427

Add a second Applied Biosystems™ TaqPath™ Menu | GeneProof™ Kit for comprehensive detection of HBV and HCV to help meet your lab's clinical testing needs

TaqPath Menu | GeneProof Hepatitis B Virus (HBV) PCR Kit



Learn more at thermofisher.com/hepatitis-taqpath-menu

applied biosystems

For *In Vitro* Diagnostic Use. Intended use and regulatory statements of products vary. For specific intended use and regulatory statements, please refer to the Instructions for Use (IFU). Product availability by country varies. For product availability in your country, check the associated product webpages. TaqPath Menu | GeneProof assays are manufactured by GeneProof and distributed by Thermo Fisher Scientific. © 2023 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. GeneProof and croBEE are the property of GeneProof. QIAamp and Rotor-Gene are the property of Qiagen. AMPLilab is the property of Adaltis. CFX96 and CFX DX are the property of BioRad. Mic qPCR is the property of bms. LineGene is the property of Apollon Biotech. LightCycler 480 is the property of Roche. AriaMX is the property of Agilent. BioQuant is the property of Biosan. **COL120379 0523**