

CE-IVD, IVDR

TaqPath Menu

GeneProof Human Herpesvirus 6/7 (HHV-6/7) PCR Kit

Molecular diagnostic for immunocompromised and transplanted people

Broad range of reliable and simple PCR-based testing to help diagnosis

Immunosuppressed and immunocompromised people, including solid organ and hematopoietic stem cell and tissue transplant recipients, are at elevated risk of complications from infectious diseases. Such people require prompt diagnosis and frequent viral load monitoring to guide prophylaxis treatment and care. Clinical testing laboratories require a comprehensive testing menu that delivers accurate and timely results for

pathogens commonly associated with these patients. The Applied Biosystems™ TaqPath™ Menu | GeneProof™ transplant portfolio supports the testing needs of transplant centers with CE-marked, reliable assays that detect infectious diseases and are specifically designed to address the common pathogens that put immunocompromised and transplanted patient groups at risk.

Applied Biosystems™ TaqPath™ Menu | GeneProof™ Human Herpesvirus 6/7 (HHV-6/7) PCR Kit features:



More information from one sample

- Detects HHV-6 and HHV-7 in a single reaction
- Precise quantification of HHV-6 and HHV-7 in two separate channels



High sensitivity and traceability

- Sensitivity was established with a WHO-certified strain



Contamination reduction

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



Simple laboratory workflow

- Easily combinable with other PCR kits from the TaqPath Menu | GeneProof transplant portfolio in one workflow



Compatible with a wide range of real-time PCR devices

Product details

Technology	Qualitative and quantitative real-time PCR			
Target sequence	U94 gene (HHV-6A/B), U57 gene (HHV-7)			
Sample type	Cerebrospinal fluid (CSF), plasma, whole blood (EDTA)			
Analytical specificity	Human herpesvirus 6A/B (HHV-6) and human herpesvirus 7 (HHV-7), 100%			
Analytical sensitivity (LoD)	Sample processing	Plasma	Whole blood	CSF
	GeneProof PathogenFree DNA Isolation Kit	134.9 IU/mL	169.0 IU/mL	152.3 IU/mL
	croBEE 201A Nucleic Acid Extraction Kit	312.9 IU/mL	448.4 IU/mL	793.4 IU/mL
Diagnostic specificity	97.58% (CI _{95%} : 92.56%–99.37%)			
Diagnostic sensitivity	96.97% (CI _{95%} : 82.49%–99.84%)			
Extraction/inhibition control	PCR inhibition and DNA extraction efficiency control by internal control			
Linear range	10 ⁸ –10 ^{2.5} IU/mL with precision of ± 0.5 log, IU = 0.6 cp			
Instruments	Applied Biosystems™ 7500 Real-Time PCR System Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System croBEE Real-Time PCR System AMPLilab Real-Time PCR System AriaMx Real-Time PCR System BioQuant-96 Real-Time PCR System CFX96/Dx Real-Time PCR Detection System Gentier 96E/96R Real-Time PCR System LightCycler 480 System LineGene 9600/9600 Plus System Mic qPCR Cycler Rotor-Gene 3000/Q SLAN Real-Time PCR System			
Validated extraction methods	Refer to the instructions for use (IFU)			
Detection channel	FAM, HEX/JOE/VIC, Cy5			
External quality assessment	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels			

Ordering information

Description	Quantity	Cat. No.
TaqPath Menu GeneProof Human Herpesvirus 6/7 (HHV-6/7) PCR Kit, (CE-IVD, IVDR)	100 reactions	A58433

Rely on a comprehensive portfolio of kits to help meet your lab's clinical testing needs for:

- Cytomegalovirus (CMV)
- Epstein-barr virus (EBV)
- BK virus (BKV)
- Varicella-zoster virus (VZV)
- Human herpesvirus 8 (HHV-8)
- Parvovirus B19
- JC virus (JCV)
- BK/JC viruses (BKV/JCV)
- *Aspergillus*
- Adenovirus
- Herpes simplex virus (HSV-1/2)



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

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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. CFX96 and CFX DX are the property of BioRad. SLAN is the property of Sansure Biotech. AriaMX is the property of Agilent. Rotor-Gene is the property of Qiagen. AMPLilab is the property of Adaltis. Mic qPCR is the property of bms. BioQuant is the property of Biosan. LineGene is the property of appolon bioteck. LightCycler is the property of Roche. Gentier is the property of Tianlong Technology. Cy5 is the property of GE Healthcare UK Limited. **COL120852 0623**