

CE-IVD, IVDR

# TaqPath Menu

## GeneProof Human Herpesvirus 8 (HHV-8) 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 8 (HHV-8) PCR Kit features:



##### High performance

- Dual targeting helps prevent a detection failure caused by the occurrence of mutations
- Unique possibility to quantify viral load



##### 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



##### 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**

<b>Technology</b>	Qualitative and quantitative real-time PCR				
<b>Target sequence</b>	ORF26 gene, ORF73 gene				
<b>Sample type</b>	Cerebrospinal fluid (CSF), plasma, saliva, whole blood (EDTA)				
<b>Analytical specificity</b>	Human herpesvirus 8 (HHV-8), 100%				
<b>Analytical sensitivity (LoD)</b>	<b>Sample processing</b>	<b>Plasma</b>	<b>Whole blood</b>	<b>CSF</b>	<b>Saliva</b>
	GeneProof PathogenFree DNA Isolation Kit	238.14 cp/mL	2225.03 cp/mL	229.49 cp/mL	250.67 cp/mL
	croBEE 201A Nucleic Acid Extraction Kit	377.65 cp/mL	2225.03 cp/mL	372.70 cp/mL	176.14 cp/mL
<b>Diagnostic specificity</b>	93.75% (CI <sub>95%</sub> : 67.71%–99.67%)				
<b>Diagnostic sensitivity</b>	100.00% (CI <sub>95%</sub> : 73.24%–100.00%)				
<b>Extraction/inhibition control</b>	PCR inhibition and DNA extraction efficiency control by internal control				
<b>Linear range</b>	10 <sup>9</sup> –10 <sup>4</sup> cp/mL with precision of ± 0.5 log				
<b>Instruments</b>	Applied Biosystems™ 7300 and 7500 Real-Time PCR Systems Applied Biosystems™ QuantStudio™ 3 and QuantStudio™ 5 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 CFX96/Dx Real-Time PCR Detection System		Gentier 96E/96R Real-Time PCR System LightCycler 480 System LineGene 9600/9600 Plus System Mic qPCR Cyclor Montania 4896 Real-Time PCR Instrument Rotor-Gene 3000/Q SLAN Real-Time PCR System StepOne™/StepOnePlus™ Real-Time PCR Systems		
<b>Validated extraction methods</b>	Refer to the instructions for use (IFU)				
<b>Detection channel</b>	FAM, HEX/JOE/VIC				
<b>External quality assessment</b>	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels				

**Ordering information**

Description	Quantity	Cat. No.
TaqPath Menu   GeneProof Human Herpesvirus 8 (HHV-8) PCR Kit, (CE-IVD, IVDR)	100 reactions	A58434

**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 6/7 (HHV-6/7)
- 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](https://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. Montania is the property of Anatolia Geneworks. Gentier is the property of Tianlong Technology. **COL120856 0623**