

CE-IVD

TaqPath Menu GeneProof Aspergillus 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™ Aspergillus PCR Kit features:



High performance

- Secured by targeting the multicopy sequence of the intergenic spacer ITS2/28S rDNA
- Enables specific antifungal therapy for resistant aspergillosis



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

| | |
|-------------------------------|---|
| Technology | Qualitative real-time PCR |
| Target sequence | ITS2/28S rDNA region |
| Sample type | Whole blood, plasma, serum, sputum, cerebrospinal fluid (CSF), bronchoalveolar lavage (BAL) |
| Analytical specificity | <i>Aspergillus</i> spp. (<i>A. fumigatus</i> , <i>A. flavus</i> , <i>A. niger</i> , <i>A. oryzae</i> , <i>A. candidus</i> , <i>A. foetidus</i> , <i>A. nidulans</i> , <i>A. ustus</i> , <i>A. versicolor</i> , <i>A. wentii</i> , <i>A. clavatus</i> , <i>A. niveus</i>) (ASP spp), 100% <i>Aspergillus terreus</i> (ASPT), 100% |
| Analytical sensitivity (LoD) | 40.76 cp/mL, performed on AmpliRun <i>Aspergillus fumigatus</i> DNA Control (Vircell) |
| Extraction/inhibition control | PCR inhibition and DNA extraction efficiency control by internal control |
| 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 Cyclor 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 <i>Aspergillus</i> PCR Kit | 100 reactions | A58437 |

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)
- Human herpesvirus 8 (HHV-8)
- Parvovirus B19
- JC virus (JCV)
- BK/JC viruses (BKV/JCV)
- Adenovirus
- Herpes simplex virus (HSV-1/2)



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

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