

CE-IVD

TaqPath Menu GeneProof Enterovirus PCR Kit

Molecular diagnostic for respiratory tract infections

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

Prompt and early diagnosis of respiratory tract infections (RTIs) is important to enable appropriate treatment and help prevent further transmission. Clinical testing labs require RTI testing solutions that help provide confidence, fast turnaround time, and accurate results. The CE-marked Applied Biosystems™

TaqPath™ Menu | GeneProof™ RTI portfolio supports respiratory health testing and delivers reliable results with excellent sensitivity and specificity. This helps give confidence in screening, diagnostic, and treatment decisions, and helps stop the spread of disease.

Applied Biosystems™ TaqPath™ Menu | GeneProof™ Enterovirus PCR Kit features:



High specificity

- Detect Enterovirus species A–D including Coxsackievirus, Echovirus, Enterovirus, Poliovirus, and the newly discovered Enterovirus group EV-C104
- Not affected by the presence of Rhinovirus



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 RTI portfolio in one workflow



Design according to ENPEN requirements

- Amplification of a single-copy 5' UTR RNA sequence that is required as the target by the European Non-Polio Enterovirus Network (ENPEN)
- Suitable for use as a primary screening method



Compatible with a wide range of real-time PCR devices

Product details for the TaqPath Menu | GeneProof Enterovirus PCR Kit

Technology	Qualitative and quantitative real-time PCR
Target sequence	5' UTR RNA sequence
Sample type	Cerebrospinal fluid (CSF), stool*, swab
Analytical specificity	Enterovirus A–D, 100%
Analytical sensitivity (LoD)	reaches up to 158.34 cp/μL with the probability of 95% (on Amplirun Enterovirus 68 RNA Control, Vircell) reaches up to 0.57 cp/μL with the probability of 95% (on Amplirun Enterovirus 71 RNA Control, Vircell) reaches up to 0.59 cp/μL with the probability of 95% (on Amplirun Coxsackie B5 RNA Control, Vircell)
Diagnostic specificity	93.75% (CI _{95%} : 77.78%–98.9%)
Diagnostic sensitivity	98.72% (CI _{95%} : 92.09%–99.93%)
Extraction/inhibition control	PCR inhibition and DNA extraction efficiency control by internal control (IC)
Instruments	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 CFX Connect/CFX96/Dx Real-Time PCR Detection System LightCycler 480 LineGene 9600 Plus Mic qPCR Cyclers Rotor-Gene 3000/6000/Q Gentier 96E/96R Real-Time PCR System SLAN Real-Time PCR System
Validated extraction methods	Refer to the Instructions for Use (IFU)
Detection channel	FAM, HEX/JOE/VIC
External quality assessment	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels

*Only in combination with QIAamp DNA Stool Mini Kit.

Ordering information

Description	Quantity	Cat. No.
TaqPath Menu GeneProof Enterovirus PCR Kit	100 reactions	A58211

Rely on a comprehensive portfolio of Applied Biosystems™ TaqPath™ Menu | GeneProof™ Kits to help meet your lab's clinical testing needs

- TaqPath Menu | GeneProof Adenovirus PCR Kit
- TaqPath Menu | GeneProof Mycobacterium tuberculosis PCR Kit
- TaqPath Menu | GeneProof Chlamydia pneumoniae PCR Kit
- TaqPath Menu | GeneProof Bordetella pertussis/parapertussis PCR Kit
- TaqPath Menu | GeneProof Mycoplasma pneumoniae PCR Kit



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