

CE-IVD

# TaqPath Menu GeneProof Adenovirus 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 diagnostic and treatment decisions, and helps stop the spread of disease.

### Applied Biosystems™ TaqPath™ Menu | GeneProof™ Adenovirus PCR Kit features:



#### High specificity

- Detection of human adenovirus subgroups A–G
- Suitable for use in both respiratory and gastrointestinal infections



#### 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



#### Wide range of validated clinical materials

- Enables detection from a broad spectrum of respiratory and gastrointestinal samples
- Aspirate, plasma, stool, swab, urine, whole blood



#### Compatible with a wide range of real-time PCR devices

**Product details for the TaqPath Menu | GeneProof Adenovirus PCR Kit**

<b>Technology</b>	Qualitative and quantitative real-time PCR
<b>Target sequence</b>	Highly conservative DNA sequence of <i>E2B</i> gene
<b>Sample type</b>	Plasma, stool*, swab, urine, whole blood (EDTA), aspirate
<b>Analytical specificity</b>	Adenovirus, 100%; 2371.645 cp/mL (on Qnostics ADV Molecular Q Panel using manual extraction GeneProof PathogenFree DNA Isolation Kit)
<b>Analytical sensitivity (LoD)</b>	81.41 cp/mL (on AcroMetrix™ Adenovirus Plasma Panel using manual extraction GeneProof PathogenFree DNA Isolation Kit)
<b>Diagnostic specificity</b>	87.98% (CI <sub>95%</sub> : 82.16%–92.15%)
<b>Diagnostic sensitivity</b>	100.00% (CI <sub>95%</sub> : 91.11%–100.00%)
<b>Extraction/inhibition control</b>	PCR inhibition and DNA extraction efficiency control by internal standard (IS)
<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 CFX Connect/CFX96/Dx Real-Time PCR Detection System Gentier 96E/96R Real-Time PCR System LightCycler 480 LineGene 9600/9600 Plus Mic qPCR Cyclers Rotor-Gene 3000/Q SLAN Real-Time PCR System StepOne™/StepOne Plus™ Real-Time PCR System
<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

\*Only in combination with QIAamp DNA Stool Mini Kit.

**Ordering information**

Description	Quantity	Cat. No.
TaqPath Menu   GeneProof Adenovirus PCR Kit	100 reactions	A58213

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

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



Learn more at [thermofisher.com/rti-taqpath](https://thermofisher.com/rti-taqpath)

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