

CE-IVD

# TaqPath Menu GeneProof Chlamydia pneumoniae 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™ Chlamydia pneumoniae PCR Kit features:



#### High specificity

- Secured by targeting the *ompA* gene



#### 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 the Applied Biosystems™ TaqPath™ Menu | GeneProof™ Mycoplasma pneumoniae PCR Kit in one workflow



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



#### Diagnostic of atypical pneumoniae

- Differential diagnostics of atypical bacterial respiratory pathogens

**Product details for the TaqPath Menu | GeneProof Chlamydia pneumoniae PCR Kit**

<b>Technology</b>	Qualitative real-time PCR
<b>Target sequence</b>	Specific conservative DNA sequence of a single-copy ompA gene
<b>Sample type</b>	Bronchoalveolar lavage (BAL), sputum, swab
<b>Analytical specificity</b>	<i>Chlamydia pneumoniae</i> , 100%
<b>Analytical sensitivity (LoD)</b>	0.647 cp/μL with the probability of 95% on Amplirun Chlamydia pneumoniae DNA Control, Vircell
<b>Diagnostic specificity</b>	100.00% (CI <sub>95%</sub> : 95.01%–100.00%)
<b>Diagnostic sensitivity</b>	99.08% (CI <sub>95%</sub> : 94.26%–99.95%)
<b>Extraction/inhibition control</b>	PCR inhibition and DNA extraction efficiency control by internal control (IC)
<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 LightCycler 2.0/480 LineGene 9600/9600 Plus Mic qPCR Cyclers Rotor-Gene 3000/6000/Q SLAN Real-Time PCR System
<b>Validated extraction methods</b>	Refer to the Instructions for Use (IFU)
<b>Detection channel</b>	FAM, HEX
<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 Chlamydia pneumoniae PCR Kit	100 reactions	A58209

**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 Enterovirus PCR Kit
- TaqPath Menu | GeneProof Bordetella pertussis/parapertussis 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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