

CE-IVD

# TaqPath Menu GeneProof *Neisseria gonorrhoeae* PCR Kit

## Molecular diagnostic for sexually transmitted infections

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

Prompt and early diagnosis of sexually transmitted infections (STIs) is important to enable appropriate treatment and help prevent further transmission. Clinical testing labs require STI testing solutions that help provide confidence, fast turnaround time, and accurate results. The CE-marked

Applied Biosystems™ TaqPath™ Menu | GeneProof™ STI portfolio supports sexual 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™ *Neisseria gonorrhoeae* PCR Kit features:



#### Dual target detection

- Dual target detection of the 16S rRNA gene and the *porA* pseudogene



#### High sensitivity

- Secured by targeting the multicopy sequence of the 16S rRNA gene



#### Reliable detection of *porA* mutant

- Elimination of false-negative results caused by a sequence variation in the *porA* pseudogene



#### Contamination reduction

- Ready-to-use Master Mix contains uracil-DNA glycosylase (UNG) and dUTPs reducing possible carryover contamination



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

**Product details for the TaqPath Menu | GeneProof Neisseria gonorrhoeae PCR Kit**

<b>Technology</b>	Qualitative real-time PCR
<b>Sample type</b>	Sperm, swab, urine
<b>Analytical specificity</b>	<i>N. gonorrhoeae</i> , including mutants in <i>porA</i> pseudogene, 100%
<b>Analytical sensitivity (LoD with 95% probability)</b>	0.109 cp/μL (on Amplirun® <i>Neisseria gonorrhoeae</i> DNA control, Vircell)
<b>Extraction/inhibition control</b>	PCR inhibition and DNA extraction efficiency control
<b>Instruments</b>	<ul style="list-style-type: none"> <li>• Applied Biosystems™ 7300/7500 Real-Time PCR System</li> <li>• Applied Biosystems™ QuantStudio™ 3 and QuantStudio™ 5 Real-Time PCR Systems</li> <li>• croBEE Real-Time PCR System</li> <li>• AriaMx Real-Time PCR System</li> <li>• CFX Connect™/CFX96™/Dx Real-Time PCR Detection System</li> <li>• LightCycler® 2.0/480</li> <li>• LineGene 9600/9600 Plus</li> <li>• Mic qPCR Cyclers</li> <li>• Rotor-Gene 3000/6000/Q</li> <li>• SLAN® Real-Time PCR System</li> <li>• StepOne™/StepOnePlus™ Real-Time PCR System</li> </ul>
<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 Neisseria gonorrhoeae PCR Kit	100 reactions	A58124

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

- TaqPath Menu | GeneProof CT/NG/MG Multiplex PCR Kit
- TaqPath Menu | GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit
- TaqPath Menu | GeneProof MH/UU/UP Multiplex PCR Kit
- TaqPath Menu | GeneProof Human Papillomavirus (HPV) Screening PCR Kit
- TaqPath Menu | GeneProof Neisseria gonorrhoeae PCR Kit
- TaqPath Menu | GeneProof Ureaplasma PCR Kit
- TaqPath Menu | GeneProof Mycoplasma genitalium/hominis PCR Kit
- TaqPath Menu | GeneProof Chlamydia trachomatis PCR Kit
- TaqPath Menu | GeneProof Treponema pallidum PCR Kit
- TaqPath Menu | GeneProof Trichomonas vaginalis PCR Kit
- TaqPath Menu | GeneProof Gardnerella vaginalis PCR Kit



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



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