

CE-IVD

TaqPath Menu GeneProof MH/UU/UP Multiplex 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™ MH/UU/UP Multiplex PCR Kit features:



Get more information from one reaction

- Detects and distinguishes three important STI pathogens in a single reaction tube:
 - *Mycoplasma hominis*
 - *Ureaplasma urealyticum*
 - *Ureaplasma parvum*



Simple laboratory workflow

- Easily combinable with other PCR kits from the TaqPath Menu | GeneProof STI portfolio in one workflow



Compatible with a wide range of real-time PCR devices



Contamination reduction

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



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

Product details for the TaqPath Menu | GeneProof MH/UU/UP Multiplex PCR Kit

Technology	Qualitative real-time PCR
Target sequence	<i>gap</i> gene (<i>M. hominis</i>) <i>UreD</i> gene (<i>U. urealyticum</i> , <i>U. parvum</i>)
Sample type	Swab, urine, transport medium
Analytical specificity	<i>Mycoplasma hominis</i> , <i>Ureaplasma urealyticum</i> , <i>Ureaplasma parvum</i> , 100%
Analytical sensitivity (LoD with 95% probability)	0.84 cp/μL (on Amplirun® <i>Mycoplasma hominis</i> DNA control, Vircell) 1.48 cp/μL (on Amplirun® <i>Ureaplasma urealyticum</i> DNA control, Vircell) 0.73 cp/μL (on synthetic DNA ultramer control <i>Ureaplasma parvum</i>)
Diagnostic specificity	96.00% (CI _{95%} : 87.97%–98.96%) <i>Mycoplasma hominis</i> 98.67% (CI _{95%} : 91.79%–99.93%) <i>Ureaplasma urealyticum</i> 100.00% (CI _{95%} : 92.13%–100.00%) <i>Ureaplasma parvum</i>
Diagnostic sensitivity	87.50% (CI _{95%} : 60.41%–97.80%) <i>Mycoplasma hominis</i> 93.75% (CI _{95%} : 67.71%–99.67%) <i>Ureaplasma urealyticum</i> 100.00% (CI _{95%} : 87.36%–100.00%) <i>Ureaplasma parvum</i>
Extraction/inhibition control	PCR inhibition and DNA extraction efficiency 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 CFX96™/Dx Real-Time PCR Detection System Gentier 96E/96R Real-Time PCR System LineGene 9600 Plus Mic qPCR Cyclor
Validated extraction methods	Refer to the instructions for use (IFU)
Detection channel	FAM, HEX, Cy5, Texas Red
External quality assessment	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels

Ordering information

Description	Quantity	Cat. No.
TaqPath Menu GeneProof MH/UU/UP Multiplex PCR Kit	100 reactions	A58123

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



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

For *In Vitro* Diagnostic Use. Intended use and regulatory statements of products vary. For specific intended use and regulatory statements please refer to the Instructions for Use (IFU). Product availability by country varies. For product availability in your country, check the associated product webpages. TaqPath Menu | GeneProof assays are manufactured by GeneProof and distributed by Thermo Fisher Scientific. © 2023 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. GeneProof and croBEE are the property of GeneProof. CFX96 and CFX DX™ are the property of BioRad. Mic qPCR is the property of bms. LineGene is the property of Appolon Biotech. AMPLilab is the property of Adaltis. AmpliRUN is a trademark of Vircell. Gentier is the property of Tianlong Technology. **COL023318 0423**

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