

CE-IVD

# TaqPath Menu GeneProof Trichomonas vaginalis 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™ Trichomonas vaginalis PCR Kit features:



#### High specificity

- Secured by multicopy sequence of beta-tubulin gene
- Enables excellent sensitivity, reaches up to 0.25 cp/μL



#### Reliable detection

- Simple sensitive detection compared to wet mount microscopy and culture



#### 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



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



#### 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 STI portfolio in one workflow

## Product details for the TaqPath Menu | GeneProof Trichomonas vaginalis PCR Kit

Technology	Qualitative real-time PCR
Target sequence	Beta-tubulin gene
Sample type	Swab, urine
Analytical specificity	<i>Trichomonas vaginalis</i> (TV), 100%
Analytical sensitivity (LoD with 95% probability)	0.25 cp/μL (on AmpliRun® <i>Trichomonas vaginalis</i> DNA control, Vircell)
Diagnostic specificity	98.21% (CI <sub>95%</sub> : 89.19%–99.91%)
Diagnostic sensitivity	100.00% (CI <sub>95%</sub> : 87.68%–100.00%)
Extraction/inhibition control	PCR inhibition and DNA extraction efficiency control by internal control (IC)
Instruments	Applied Biosystems™ 7300/7500 Real-Time PCR System Applied Biosystems™ QuantStudio™ 3 and QuantStudio™ 5 Real-Time PCR Systems  StepOne™/StepOne Plus™ Real-Time PCR System croBEE Real-Time PCR System AMPLilab 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 Cycler Rotor-Gene 3000/6000/Q SLAN® Real-Time PCR System
Validated extraction methods	Refer to the instructions for use (IFU)
Detection channel	FAM (TV), HEX/JOE/MIC (IC)
External quality assessment	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels

## Ordering information

Description	Quantity	Cat. No.
TaqPath Menu   GeneProof Trichomonas vaginalis PCR Kit	100 reactions	A58126

## 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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