

CE-IVD

TaqPath Menu

GeneProof *Treponema pallidum* 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™ *Treponema pallidum* PCR Kit features:



Highly specific detection

- Secured by highly conservative *po1A* gene for DNA polymerase I



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 other PCR kits from the TaqPath Menu | GeneProof portfolio in one workflow



Compatible with a wide range of real-time PCR devices

Product details for the TaqPath Menu | GeneProof Treponema pallidum PCR Kit

Technology	Qualitative and quantitative real-time PCR
Target sequence	Gene <i>poIA</i> encoding DNA polymerase I
Sample type	Swab from genital ulcer, urine, transport medium
Analytical specificity	<i>Treponema pallidum</i> , 100 %
Analytical sensitivity (LoD)	0.61 cp/μL (on synthetic DNA ultramer control <i>Treponema pallidum</i>)
Extraction/inhibition control	PCR inhibition and DNA extraction efficiency control
Instruments	<ul style="list-style-type: none"> • 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 • CFX Connect™/CFX96™/Dx Real-Time PCR Detection System • Gentier 96E/96R Real-Time PCR System • LightCycler® 480 • LineGene 9600 Plus • Mic qPCR Cyclers • Rotor-Gene 3000/Q • SLAN® Real-Time PCR System
Validated extraction methods	Refer to the instructions for use (IFU)
Detection channel	FAM, HEX
External quality assessment	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels

Ordering information

Description	Quantity	Cat. No.
TaqPath Menu GeneProof Treponema pallidum PCR Kit	100 reactions	A58125

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

applied biosystems

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. GeneProof™ and croBEE are the property of GeneProof. AMPLiLab is the property of Adaltis. CFX96 and CFX DX™ are the property of BioRad. Mic qPCR is the property of bms. LineGene is the property of Appolon Biotech. Rotor-Gene is the property of Qiagen®. SLAN® is the property of Sansure Biotech. LightCycler® 480 is the property of Roche. Gentier is the property of Tianlong Technology. **COL023350 0423**