

CE-IVD

TaqPath Menu

GeneProof Chlamydia trachomatis 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™ Chlamydia trachomatis PCR Kit features:



High sensitivity

- Secured by targeting the multicopy sequence of the 16S rRNA gene
- Dual target detection of the 16S rRNA gene and a cryptic plasmid



Simple laboratory workflow

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



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



Reliable detection of Swedish variant

- Elimination of false-negative results caused by a sequence variation in the cryptic plasmid



Contamination reduction

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



Compatible with a wide range of real-time PCR devices

Product details for the TaqPath Menu | GeneProof Chlamydia trachomatis PCR Kit

Technology	Qualitative real-time PCR		
Target sequence	The cryptic plasmid multicopy sequence and the 16S rRNA gene		
Sample type	sperm, swab, urine		
Analytical specificity	<i>Chlamydia trachomatis</i> , including mutations with deletions in cryptic plasmid (including Swedish variant), 100%		
Analytical sensitivity (LoD)	0.075 cp/μL with the probability of 95% (on Amplirun® <i>Chlamydia trachomatis</i> DNA control, Vircell)		
Diagnostic specificity	99.21% (CI _{95%} : 99.07%–99.34%)		
Diagnostic sensitivity	100.00% (CI _{95%} : 99.58%–100.00%)		
Extraction/inhibition control	PCR inhibition and DNA extraction efficiency control by internal standard (IS)		
Instruments	Applied Biosystems™ 7300/7500 Real-Time PCR System	CFX Connect™/CFX96™/Dx Real-Time PCR Detection System	Applied Biosystems™ QuantStudio™ 3 and QuantStudio™ 5 Real-Time PCR System
	croBEE Real-Time PCR System	DTlite Real-Time PCR System	SLAN® Real-Time PCR System
	AMPLilab Real-Time PCR System	LightCycler™ 2.0/480	StepOne™ and StepOnePlus™ Real-Time PCR Systems
	AriaMx Real-Time PCR System	LineGene 9600/9600 Plus	Rotor-Gene 3000/6000/Q
	BioQuant-96	Mic qPCR Cycler	
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 Chlamydia trachomatis PCR Kit	100 reactions	A58121

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



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