

CE-IVD

Molecular diagnostic solutions for sexually transmitted infections

Helping you guide effective patient outcomes

Broad range of reliable and simple PCR-based testing to help diagnose infections

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 Applied Biosystems™ TaqPath™ Menu | GeneProof™ STI portfolio supports sexual health testing with CE-marked STI assays, designed to provide accurate,

reliable results with excellent sensitivity and specificity across a wide variety of bacteria, such as *Chlamydia trachomatis* (CT), *Neisseria gonorrhoeae* (NG), and *Mycoplasma genitalium* (MG); parasites, such as *Trichomonas vaginalis* (TV); and viruses, such as Human Papillomavirus (HPV) and Herpes Simplex Virus (HSV-1/2). This helps give confidence in screening, diagnostic, and treatment decisions, and helps stop the spread of disease.

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



Complete solution for STIs with multiplex kits



Simple laboratory workflow

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



High sensitivity & specificity



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

Differential diagnostic tests

Applied Biosystems™ TaqPath™ Menu GeneProof™ CT/NG/MG Multiplex PCR Kit	
More information from one reaction	<ul style="list-style-type: none"> • Detects and distinguishes some of the most important STI pathogens in a single reaction tube: <ul style="list-style-type: none"> – <i>Chlamydia trachomatis</i> – <i>Neisseria gonorrhoeae</i> – <i>Mycoplasma genitalium</i>
Sample type	<ul style="list-style-type: none"> • Swab, urine
High sensitivity	<ul style="list-style-type: none"> • Detects <i>porA</i> mutant of <i>Neisseria gonorrhoeae</i> and the Swedish variant of <i>Chlamydia trachomatis</i> • Secured by targeting the multicopy sequence of 16S rRNA for all three detected pathogens

Applied Biosystems™ TaqPath™ Menu GeneProof™ MH/UU/UP Multiplex PCR Kit	
More information from one reaction	<ul style="list-style-type: none"> • Detects and distinguishes some of the most important STI pathogens in a single reaction tube: <ul style="list-style-type: none"> – <i>Mycoplasma hominis</i> – <i>Ureaplasma urealyticum</i> – <i>Ureaplasma parvum</i>
Sample type	<ul style="list-style-type: none"> • Swab (validated with transport medium: UTM™ Universal Transport Medium from COPAN Diagnostics, Inc.), urine

Applied Biosystems™ TaqPath™ Menu GeneProof™ Trichomonas vaginalis PCR Kit	
High specificity	<ul style="list-style-type: none"> • Secured by a multicopy sequence of the beta-tubulin gene • Ensures that excellent sensitivity reaches up to 0.25 cp/μL
Reliable detection	<ul style="list-style-type: none"> • Simple sensitive detection compared to wet mount microscopy and culture
Sample type	<ul style="list-style-type: none"> • DNA extracted from swab (validated with transport medium: UTM™ Universal Transport Medium and eNAT™, both from COPAN Diagnostics, Inc.), urine

Applied Biosystems™ TaqPath™ Menu GeneProof™ Herpes Simplex Virus (HSV-1/2) PCR Kit	
More information from one reaction	<ul style="list-style-type: none"> • Detects and distinguishes Herpes Simplex Virus 1 and Herpes Simplex Virus 2 in a single reaction tube
Excellent quality	<ul style="list-style-type: none"> • The highest possible diagnostic sensitivity (100.00%) and diagnostic specificity (97.62%)
Sample type	<ul style="list-style-type: none"> • Cerebral spinal fluid (CSF), plasma, serum, urine, swab (genital, vesicular), whole blood (EDTA)

Applied Biosystems™ TaqPath™ Menu GeneProof™ Mycoplasma genitalium/hominis PCR Kit	
More information with less samples	<ul style="list-style-type: none"> • Distinguishes <i>Mycoplasma hominis</i> from <i>Mycoplasma genitalium</i> using 3-channel system
Sample type	<ul style="list-style-type: none"> • Swab, urine
High sensitivity	<ul style="list-style-type: none"> • Secured by targeting the multicopy sequence of the 16S rRNA gene of <i>Mycoplasma genitalium</i>
Target sequence	<ul style="list-style-type: none"> • A multicopy sequence of the gene encoding the 16S rRNA (<i>M. genitalium</i>) and the housekeeping <i>gap</i> gene for glyceraldehyde-3-phosphate dehydrogenase (<i>M. hominis</i>)

Applied Biosystems™ TaqPath™ Menu GeneProof™ Gardnerella vaginalis PCR Kit	
Complete solution for STIs	<ul style="list-style-type: none"> • As a part of an STI panel, enables a comprehensive solution for symptomatic STI diagnostics • Suitable especially for differential diagnostics of noncandidal vulvovaginitis
Sample type	<ul style="list-style-type: none"> • Swab, urine

Applied Biosystems™ TaqPath™ Menu | GeneProof™ Ureaplasma PCR Kit

More information with less samples	<ul style="list-style-type: none">Enables the identification of <i>Ureaplasma urealyticum</i> and <i>Ureaplasma parvum</i> using 3-channel system
Sample type	<ul style="list-style-type: none">Swab, urine

Applied Biosystems™ TaqPath™ Menu | GeneProof™ Treponema pallidum PCR Kit

Highly specific detection	<ul style="list-style-type: none">Secured by highly conservative <i>poIA</i> gene for DNA polymerase I
Sample type	<ul style="list-style-type: none">Swab from genital ulcer (validated with transport medium: UTM™ Universal Transport Medium from COPAN Diagnostics, Inc.), urine

Screening tests

Applied Biosystems™ TaqPath™ Menu | GeneProof™ Human Papillomavirus (HPV) Screening PCR Kit

High specificity	<ul style="list-style-type: none">Unique detection of 24 high-risk HPV types
Differentiation of high-risk types 16, 18, and 45	<ul style="list-style-type: none">HPV16 and HPV18 are responsible for 70% of cervical cancer cases and precancerous cervical lesionsHPV45 is the 3rd most prevalent genotype in cases of invasive cervical cancer worldwide (5–6%)Enables specific management of patient monitoring and therapy
Self-sampling option	<ul style="list-style-type: none">Supports widespread HPV screening through simple and comfortable samplingProper sampling, DNA extraction efficiency, and PCR inhibition control by endogenous internal control (<i>GAPDH</i> gene)
Compliance with guidelines for HPV screening	<ul style="list-style-type: none">German S3-guidelines "Prevention of cervical cancer" (S3-Leitlinie Prävention des Zervixkarzinoms Langverison 1.0 – Dezember 2017)The clinical and reproducibility criteria of the International Guidelines for HPV tests for use in cervical cancer screening

Applied Biosystems™ TaqPath™ Menu | GeneProof™ Chlamydia trachomatis PCR Kit

High sensitivity	<ul style="list-style-type: none">Secured by targeting the multicopy sequence of the 16S rRNA geneDual target detection of the 16S rRNA gene and a cryptic plasmid
Sample type	<ul style="list-style-type: none">Sperm, swab, urine
Reliable detection of Swedish variant of <i>Chlamydia trachomatis</i>	<ul style="list-style-type: none">Elimination of false-negative results caused by a sequence variation in the cryptic plasmid

Applied Biosystems™ TaqPath™ Menu | GeneProof™ Neisseria gonorrhoeae PCR Kit

Dual target detection	<ul style="list-style-type: none">Dual target detection of the 16S rRNA gene and the <i>porA</i> pseudogene
High sensitivity	<ul style="list-style-type: none">Secured by targeting the multicopy sequence of the 16S rRNA gene
Reliable detection of a mutant	<ul style="list-style-type: none">Elimination of false-negative results caused by a sequence variation in the <i>porA</i> pseudogene
Sample type	<ul style="list-style-type: none">Sperm, swab, urine

Ordering information

Description	Kit size	Cat. No.
TaqPath Menu GeneProof Human Papillomavirus (HPV) Screening PCR Kit	100 reactions	A58120
TaqPath Menu GeneProof Chlamydia trachomatis PCR Kit	100 reactions	A58121
TaqPath Menu GeneProof CT/NG/MG Multiplex PCR Kit	100 reactions	A58117
TaqPath Menu GeneProof Gardnerella vaginalis PCR Kit	100 reactions	A58118
TaqPath Menu GeneProof MH/UU/UP Multiplex PCR Kit	100 reactions	A58123
TaqPath Menu GeneProof Mycoplasma genitalium/hominis PCR Kit	100 reactions	A58122
TaqPath Menu GeneProof Neisseria gonorrhoeae PCR Kit	100 reactions	A58124
TaqPath Menu GeneProof Treponema pallidum PCR Kit	100 reactions	A58125
TaqPath Menu GeneProof Trichomonas vaginalis PCR Kit	100 reactions	A58126
TaqPath Menu GeneProof Ureaplasma PCR Kit	100 reactions	A58127
TaqPath Menu GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit	100 reactions	A58128
TaqPath Menu GeneProof Universal Internal Control	100 reactions	A58250



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