

CE-IVD

TaqPath Menu GeneProof Herpes Simplex Virus (HSV-1/2) 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™ Herpes Simplex Virus (HSV-1/2) PCR Kit features:



More information from one reaction

- Detects and distinguishes Herpes Simplex Virus 1 and Herpes Simplex Virus 2 in a single reaction tube



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



Contamination reduction

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



Excellent quality

- The highest possible diagnostic sensitivity (100.00%) and diagnostic specificity (97.62%)



Compatible with a wide range of real-time PCR devices

Product details for the TaqPath Menu | GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit

Technology	Qualitative and quantitative real-time PCR					
Target sequence	Gene encoding B glycoprotein (gB)					
Sample type	CSF, plasma, serum, urine, swab (genital, vesicular), whole blood (EDTA)					
Analytical specificity	HSV-1, 100% HSV-2, 100%					
Analytical sensitivity (LoD)	Sample processing	Type	Plasma	Serum	Whole blood	CSV
	GeneProof PathogenFree DNA	HSV-1	122.1 cp/mL	196.2 cp/mL	272.6 cp/mL	82.8 cp/mL
	GeneProof PathogenFree DNA	HSV-2	194.5 cp/mL	70.0 cp/mL	160.9 cp/mL	60.2 cp/mL
	croBEE 201A Nucleic Acid Extraction Kit	HSV-1	673.7 cp/mL	302.6 cp/mL	219.2 cp/mL	642.7 cp/mL
	croBEE 201A Nucleic Acid Extraction Kit	HSV-2	440.4 cp/mL	308.4 cp/mL	219.6 cp/mL	432.6 cp/mL
Diagnostic specificity	97.62% (CI _{95%} : 93.63%–99.23%)					
Diagnostic sensitivity	100.00% (CI _{95%} : 98.24%–100.00%)					
Inhibition control	Efficiency control by internal standard (IS)					
Instruments	Applied Biosystems™ 7300 and 7500 Real-Time PCR Systems		CFX Connect™/CFX96™/Dx Real-Time PCR Detection System			
	Applied Biosystems™ QuantStudio™ 3 and QuantStudio™ 5 Real-Time PCR Systems		Gentier 96E/96R Real-Time PCR System			
	croBEE Real-Time PCR System		LightCycler® 480			
	AMPLilab Real-Time PCR System		LineGene 9600/9600 Plus			
	AriaMx Real-Time PCR System		Mic qPCR Cycler			
	BioQuant-96 Real-Time PCR System		Rotor-Gene 3000/6000/Q			
			SLAN® Real-Time PCR System			
Validated extraction methods	Refer to the instructions for use (IFU)					
Detection channel	FAM (HSV-1), HEX/JOE/VIC (IS), Cy5 (HSV-2)					
External quality assessment	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels					

Ordering information

Description	Quantity	Cat. No.
TaqPath Menu GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit	100 reactions	A58128

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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