



GeneProof

GeneProof Neisseria gonorrhoeae PCR Kit



DUAL TARGET DETECTION

- Dual target detection of the 16S rRNA gene and the *porA* pseudogene

HIGH SENSITIVITY

- Secured by targeting the multicopy sequence of the 16S rRNA gene

RELIABLE DETECTION OF *porA* MUTANT

- Elimination of false-negative results caused by a sequence variation in the *porA* pseudogene

CONTAMINATION ELIMINATION

- Ready-to-Use Master Mix contains Uracil-DNA glycosylase (UNG) and dUTPs eliminating contamination with amplification products



COMPATIBLE WITH A WIDE
RANGE OF REAL-TIME PCR
DEVICES



CERTIFIED
DIAGNOSTIC TEST



GeneProof Neisseria gonorrhoeae PCR Kit

- + CT/NG/MG Multiplex PCR Kit
- + Mycoplasma genitalium/hominis PCR Kit
- + Herpes Simplex Virus 1 (HSV-1) PCR Kit
- + Chlamydia trachomatis PCR Kit
- + Human Papillomavirus (HPV) PCR Kit
- + Herpes Simplex Virus 2 (HSV-2) PCR Kit
- + Neisseria gonorrhoeae PCR Kit
- + Ureaplasma PCR Kit
- + Herpes Simplex Virus (HSV-1/2) PCR Kit

TECHNOLOGY	real-time PCR
TYPE OF ANALYSIS	qualitative
TARGET SEQUENCE	a multi-copy sequence of the gene encoding 16S rRNA and <i>porA</i> pseudogene specific for <i>N. gonorrhoeae</i>
ANALYTICAL SPECIFICITY	<i>N. gonorrhoeae</i> , including mutants in <i>porA</i> pseudogene, 100 %
ANALYTICAL SENSITIVITY (LOD)	reaches up to 0.109 cp/μl with the probability 95 % (on Amplirun [®] Neisseria gonorrhoeae DNA control, Vircell)
EXTRACTION/INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control (ISEX version)
VALIDATED SPECIMEN	sperm, swab, urine
STORAGE	-20 ± 5 °C
VALIDATED EXTRACTION METHODS	croBEE NA16 Nucleic Acid Extraction System GeneProof PathogenFree DNA Isolation Kit
INSTRUMENTS	croBEE Real-Time PCR System* Applied Biosystems 7300 / 7500 Real-Time PCR System AriaMx Real-Time PCR System CFX Connect™ / CFX96™/ Dx Real-Time PCR Detection System LightCycler [®] 2.0 / 480 LineGene 9600 / 9600 Plus Rotor-Gene 3000 / 6000 / Q SLAN [®] Real-Time PCR System StepOne™ Real-Time PCR System
REQUIRED DETECTION CHANNELS	FAM, HEX
EXTERNAL QUALITY ASSESSMENT	Regularly tested by QCMD and Instand e.V. External Quality Assessment Panels - results at www.geneproof.com
REGULATORY STATUS	CE IVD

*Validated instruments

PRODUCT NAME	TECHNOLOGY	ORDER NO.		
		25 REACTIONS	50 REACTIONS	100 REACTIONS
GeneProof Neisseria gonorrhoeae PCR Kit	real-time PCR	NG/ISEX/025	NG/ISEX/050	NG/ISEX/100