Phacogen
HEALTHCARE & DIAGNOSTICS



PCG® VAGINAL INFECTIONS & STIS FAST REAL-TIME PCR KIT

High specification

- Simultaneous detection of 12 sexually transmitted pathogens
- 100% analysis specificity

Contamination prevention

- Master Mix contains the Uracil-DNA Glycosylase (UDG) system eliminating carryover contamination

High sensitivity

- Ensure sensitivity up to 0.2 copies/μL

ORDER INFORMATION

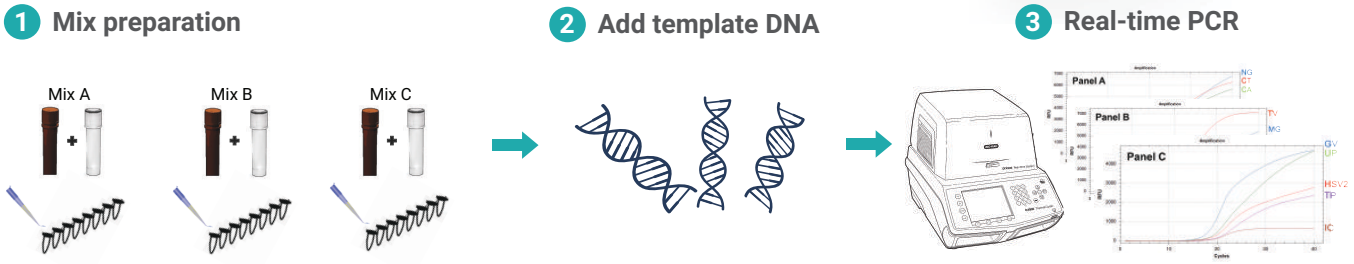
Instrument	Package	REF
CFX96 Real-time PCR Detection System	50 tests	PR2200050
CFX96 Real-time PCR Detection System	100 tests	PR2200100
QuantStudio 5/7 Real-time PCR System	50 tests	PR2201050
QuantStudio 5/7 Real-time PCR System	100 tests	PR2201100

PCG® Vaginal Infections & STIs Fast Real-time PCR Kit is intended for the qualitative detection of nucleic acids from 12 sexually transmitted pathogens in the following cases:

- People have unprotected sex
- People have sexually transmitted disease symptoms
- Partners have been infected with sexually transmitted pathogens
- Premarital health screening



PROCESS



SPECIFICATION

Regulatory Status	RUO
Intended use	Detection of nucleic acids from 12 types causative pathogen of sexually transmitted infection: *Neisseria gonorrhoeae* (NG), *Chlamydia trachomatis* (CT), *Trichomonas vaginalis* (TV), *Mycoplasma genitalium* (MG), *Gardnerella vaginalis* (GV), *Ureaplasma urealyticum* (UU), *Ureaplasma parvum* (UP), *Mycoplasma hominis* (MH), *Candida albicans* (CA), *Treponema pallidum* (TP), Herpes simplex virus 1 (HSV-1), Herpes simplex virus 2 (HSV-2)
Type of Analysis	Qualitative
Validated Specimen	Vaginal swab, Urine
Technology	Fast Multiplex Real-time PCR using TaqMan Probes
Detection Channels	FAM: NG, CA, GV HEX/VIC: TV, UP, HSV-1 Cal Red 610/ROX: CT, MH, HSV-2 Cy5: MG, UU, TP Quasar 705/TAMRA: IC (Internal Control)
Instruments	CFX96 Real-time PCR Detection System, QuantStudio 5/7 Real-time PCR System
Performance Characteristics	Analytical specificity: 100% Analytical sensitivity (LoD): [Panel A] NG *(Neisseria gonorrhoeae)*: 2 copies/µL TV *(Trichomonas vaginalis)*: 2 copies/µL CT *(Chlamydia trachomatis)*: 2 copies/µL MG *(Mycoplasma genitalium)*: 5 copies/µL [Panel B] CA *(Candida albicans)*: 0.2 copies/µL UP *(Ureaplasma parvum)*: 5 copies/µL MH *(Mycoplasma hominis)*: 5 copies/µL UU *(Ureaplasma urealyticum)*: 20 copies/µL [Panel C] GV *(Gardnerella vaginalis)*: 2 copies/µL HSV-1 (Herpes simplex virus 1): 22 copies/µL HSV-2 (Herpes simplex virus 2): 5 copies/µL TP *(Treponema pallidum)*: 10 copies/µL
Storage	- 20°C (± 5°C)

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