



## Multiplex Real-Time PCR Kit for Detection of 6 Sexually Transmitted Infections

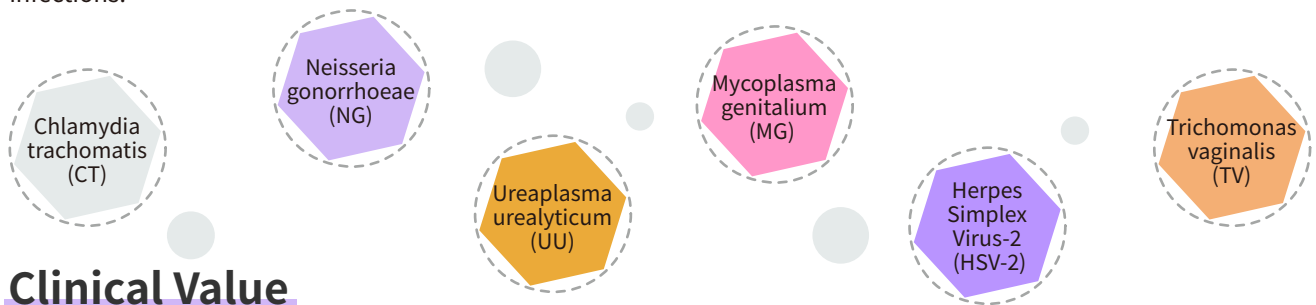
One Test, Six Targets  
Protecting Reproductive Health

# Background

Sexually transmitted diseases (STDs) are mainly spread through vaginal, anal, and oral sex. Over one million people aged 15–49 acquire a curable STD every day, often without symptoms. More than 30 pathogens can be transmitted sexually, with eight accounting for most cases. Four—syphilis, gonorrhea, chlamydia, and trichomoniasis—are curable and of high clinical diagnostic value.

# Guideline-Recommended

WHO Laboratory and point-of-care diagnostic testing for sexually transmitted infections, including HIV recommends nucleic acid amplification tests (NAATs) for the diagnosis of multiple STIs, particularly for screening asymptomatic infections.



# Clinical Value

- 1. Preconception & infertility screening
- 2. Early, accurate detection of urogenital infections, including asymptomatic cases
- 3. Treatment efficacy evaluation

# Product Features

<p><b>Efficient</b></p> <p>One tube, six tests: covers the six major pathogens of reproductive tract infections with comprehensive, multiplex detection.</p>	<p><b>Precise</b></p> <p>High performance: detects as low as 100 copies/mL; results consistent with national standards and known pathogens.</p>	<p><b>Monitored</b></p> <p>Specific primers and probes serve as internal controls to monitor sample collection and testing, ensuring the accuracy of results.</p>	<p><b>Contamination Control</b></p> <p>UDG-based system minimizes nucleic acid contamination risk.</p>	<p><b>Convenient</b></p> <p>Runs in any PCR lab, easy to operate, no extra equipment needed, cost-effective.</p>
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# Product Specifications

<b>Intended Use</b>	This product is intended for the in vitro qualitative detection of nucleic acids from six pathogens in urogenital swab specimens, including CT, NG, UU, MG, HSV-2, and TV.
<b>Target Population</b>	Pre-marital, preconception, and infertile individuals; those with urogenital infection symptoms such as abnormal vaginal discharge or urinary tract infections.
<b>Sample Type</b>	Urogenital swabs: urethral swabs for males, cervical swabs for females.
<b>Packing Size</b>	50 tests/box
<b>Compatible Instrument</b>	LightCycler 480 (Roche)
<b>LoD</b>	100 copies/mL

### Reference:

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