

# RANDOX

## rITA CT/NG Rapid Test

### Detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae*

*Chlamydia trachomatis* (CT) and *Neisseria gonorrhoeae* (NG) are bacterial sexually transmitted infections (STIs). Chlamydia, primarily transmitted through sexual contact, is often asymptomatic, necessitating testing for diagnosis. Symptoms may include painful urination, and if untreated, it can lead to complications like pelvic inflammatory disease. Gonorrhoeae, also transmitted sexually, presents symptoms such as painful urination and genital discharge. Early detection is crucial for both infections to prevent complications and further transmission.

Utilising isothermal nucleic amplification technology, our system qualitatively detects nucleic acids from *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoeae* (NG).

Detection Method: Isothermal amplification

Result Time: Less than 30 minutes

Sample Volume: 300µl

Sample Type: Swab or Urine

#### DETECTABLE PATHOGEN

*Chlamydia trachomatis* (incl. all serovars, nvCT)

*Neisseria gonorrhoeae*



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## VIVALYTIC

### Cartridge Based Testing Platform

The rITA CT/NG rapid test on Vivalytic offered by Bosch, a point of care platform brought to the market by Randox Laboratories. The Vivalytic system is a fully automated, cartridge-based platform capable of both High-Plex and Low-Plex patient testing. Each easy-to-use cartridge contains all necessary reagents, is a closed system to minimise risk and can be conveniently stored at room temperature.

#### Vivalytic Key Features:

- Cartridge based platform
- Fully-automated
- Suitable for both non-laboratory & laboratory settings
- Small footprint device
- Rapid turnaround from sample entry to results

## VIVALYTIC WORKFLOW

### 4 Easy Steps for Optimised Workflow



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