

Easy and Fast



NeoPlex™

Innovative Multiplex
Real-Time PCR Assay

NeoPlex™ Sexually Transmitted Infection Panel STI-7 Detection

CE-IVD Marked

Simultaneous Detection of 7 Major STI Panel

- *Chlamydia Trachomatis* (CT)
- *Neisseria Gonorrhoeae* (NG)
- *Trichomonas Vaginalis* (TV)
- *Mycoplasma Hominis* (MH)
- *Mycoplasma Genitalium* (MG)
- *Ureaplasma Urealyticum* (UU)
- *Ureaplasma Parvum* (UP)

Single-Tube Multiplex PCR Test
One-Step Real-Time PCR
Automation Support

● Single-Tube Real-Time PCR Reaction

By Genematrix's Proprietary C-Tag™ Technology

● Superior Clinical Performance

LOD < 10-50 copies/rxn
Clinical Sensitivity : 97.7% - 100%
Clinical Specificity : 100%

● Ease of Use

Automated analysis with NeoPlex™ Viewer software
UDG System to prevent Carry-over contamination

● Turnaround Time (TAT)

Within 4 hour from DNA extraction to result analysis, enabling same-day report

Workflow

C-Tag™ Multiplex Real-Time PCR

Step 1 (1 hr)
DNA Extraction



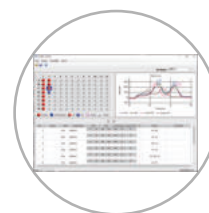
Manual or Automatic Extraction

Step 2 (2 hr 30min)
Single-Tube Real-Time PCR



CFX96™ Real-Time PCR

Step 3 (5 min)
Data Analysis



NeoPlex™ Viewer

- Simultaneous Detection of 7 Major STI Pathogens in a Single PCR Test
- Fast Turnaround: Less than 4 Hour of Analysis and Same-Day Report

Compatible Instruments

Compatible with Automatic Nucleic Acid extraction equipment
CFX96 Real-Time PCR System (Bio-Rad)

Specimens

Urine
Vaginal Swab

Series Products

NeoPlex™ STI-7 PLUS : HSV1, HSV2, CA, GV, TP, HD, GBS

NeoPlex™ STI-14 : CT, NG, TV, MH, MG, UU, UP, HSV1, HSV2, CA, GV, TP, HD, GBS

Ordering Information

Cat No.	Product	Description	Method	Size
GM3500	NeoPlex™ STI-7 Detection Kit	Simultaneous Detection of 7 major STI Pathogens	Multiplex Real-Time PCR	96 Tests/Kit
GM3600	NeoPlex™ STI-7 PLUS Detection Kit	Simultaneous detection of 7 additional STI Pathogens	Multiplex Real-Time PCR	96 Tests/Kit
NS01A	NeoPlex™ STI-14 Detection Kit	Simultaneous detection of 14 STI Pathogens	Multiplex Real-Time PCR	96 Tests/Kit

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