

Easy and Fast



NeoPlex™

Innovative Multiplex
Real-Time PCR Assay

NeoPlex™ Sexually Transmitted Infection Panel **STI-7 PLUS** Detection

CE-IVD Marked

Simultaneous Detection of 7 Additional STI Pathogens

- Herpes Simple Virus type 1 (HSV-1)
- Herpes Simple Virus type 1 (HSV-1)
- *Treponema Pallidum* (TP)
- *Haemophilus Ducreyi* (HD)
- *Candida Albicans* (CA)
- *Gardnerella Vaginalis* (GV)
- Group B *Streptococcus* (GBS)

Single-Tube Multiplex PCR Test
Automation Support
Fast Turnaround Time

● Single-Tube Real-Time PCR Reaction

By Genematrix's Proprietary C-Tag™ Technology

● Superior Clinical Performance

LOD < 10-50 copies/rxn
Clinical Sensitivity : 98.13% - 98.75%
Clinical Specificity : 100%

● Ease of Use

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

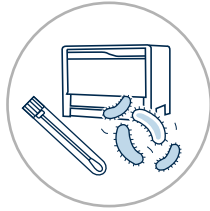
● Turnaround Time (TAT)

Within 2.5 hour from DNA extraction to result analysis, enabling same-day report

Workflow

C-Tag™ Multiplex Real-Time PCR

Step 1 (1 hr)
DNA Extraction



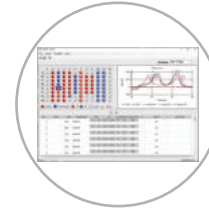
Manual or Automatic Extraction

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



CFX96™ Real-Time PCR

Step 3 (5 min)
Data Analysis



NeoPlex™ Viewer

- Simultaneous Detection of 7 Additional STI Pathogens in a Single PCR Test
- Fast Turnaround: Less than 2.5 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 : CT, NG, TV, MH, MG, UU, UP

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
GM3600	NeoPlex™ STI-7 PLUS Detection Kit	Simultaneous Detection of 7 additional STI Pathogens	Multiplex Real-Time PCR	96 Tests/Kit
GM3500	NeoPlex™ STI-7 Detection Kit	Simultaneous Detection of 7 major STI Pathogens	Multiplex Real-Time PCR	96 Tests/Kit
NSO1A	NeoPlex™ STI-14 Detection Kit	Simultaneous Detection of 14 major STI Pathogens	Multiplex Real-Time PCR	96 Tests/Kit

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