

MICROBIOLOGY
STI2-RT50
STI Panel 3

Technical Specifications

Intended Use

- Detection of 3 different sexually transmitted pathogens with single run.

Suitable Sample Type

- urethral or genital swab
- liquid based cervical cytology

Test Procedure

- Viral Isolation
- Multiplex RT-qPCR

Validated PCR Instruments

- Bio-Rad CFX96
- Life Technologies ABI-7500
- Qiagen Rotor-Gene® 3000 Q5/Q6
- BioMolecular Systems, MicPCR
- BaseTyper-PentaBase
- LightCycler480 II (Color Compansation)

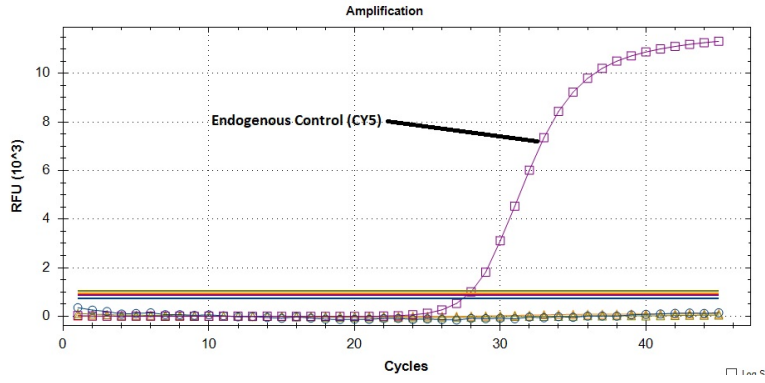
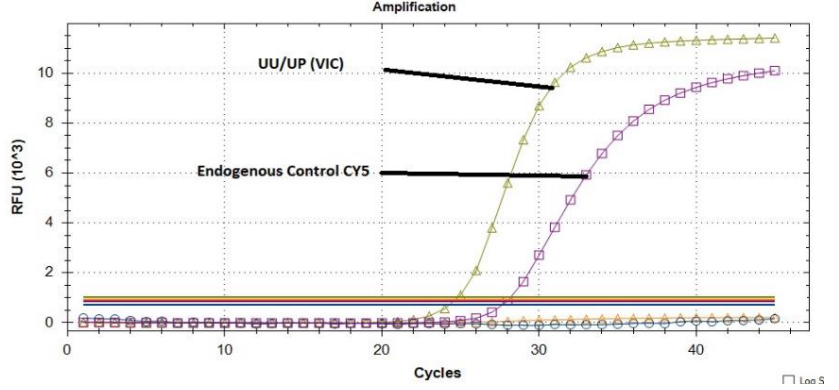
Catalog Number

- STI3-RT50

Contact

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Positive Result
Analysis



Negative
Result
Analysis

- ✓ This kit uses Multiplex Real-time PCR based method.
- ✓ Qualitative detection of *Treponema pallidum* (TP), *Herpes Simplex Virus 1* (HSV-1), *Herpes Simplex Virus 2* (HSV-2) which are sexually transmitted and infection-causing pathogens.
- ✓ Cross contamination amplification preventative system (UDG).
- ✓ Fast and highly sensitive results with single tube master mix.
- ✓ Results within 45 minutes after viral isolation.

GeneMAP™ STI Panel 3 Kit is designed specifically for pathogen detection with routine Multiplex RT-qPCR. It is easy to use, cost efficient and compatible with many Real-time PCR instruments.

Contents	Volume
4X STI-3 PPM	275 µL
RNase-free Water	400 µL
IC	250 µL
2X Master Mix with UDG	550 µL
PC	100 µL
DNA Extraction Solution	7000 µL