

STI1-RT50
STI Panel 1

Technical Specifications

Intended Use

- Detection of 5 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

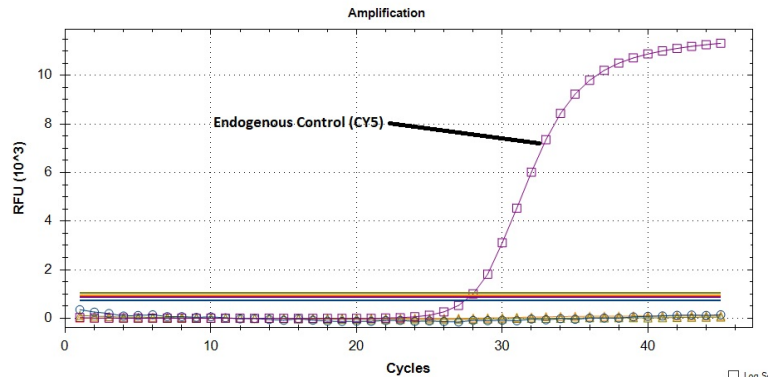
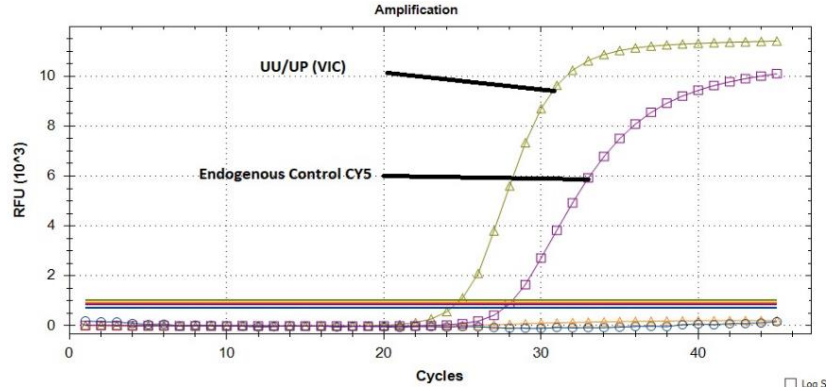
- Bio-Rad CFX96
- Life Technologies ABI-7500
- Qiagen Rotor-Gene® 3000 Q5/Q6
- BioMolecular Systems, MicPCR
- BaseTyper-PentaBase
- LightCycler480 II (Color Compansation)

Catalog Number

- STI1-RT50

Contact

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Positive Result
AnalysisNegative
Result
Analysis

- ✓ This kit uses Multiplex Real-time PCR based method.
- ✓ Qualitative detection of Chlamydia.trachomatis (CT), Mycoplasma genitalium (MG), Mycoplasma hominis (MH), Ureaplasma urealyticum (UU) and Ureaplasma parvum (UP), 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 1 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-1 PPM 1 | 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 |