SMG
STEPHENS MOLECULAR GROUP

STI PANEL

12-Target Multiplex Real-Time PCR Assay

Precision Diagnostics.
Practical Solutions.

PRODUCT CODE
SMG-STI-1201

12 TARGETS
ACCURATE. RELIABLE. TRUSTED.

CLINICAL OVERVIEW

The SMG STI Panel is a 12-target multiplex real-time PCR assay designed for the qualitative detection of the most common sexually transmitted infections. This assay provides accurate, reliable results to support timely treatment decisions and improve patient care.

CLINICAL APPLICATIONS

- Physician Office Laboratories
- Urgent Care & Walk-In Clinics
- Hospital Laboratories
- Reference Laboratories
- Public Health Laboratories
- Reproductive Health Clinics

KEY FEATURES

12 HIGH-PRIORITY TARGETS
Detects the most prevalent bacterial and protozoan STI pathogens.

MULTIPLEX REAL-TIME PCR
High sensitivity and specificity with rapid turnaround time.

BROAD PATHOGEN COVERAGE
Comprehensive detection in a single, streamlined assay.

ACCURATE & RELIABLE
Robust performance with internal controls for result confidence.

TECHNICAL SUPPORT
Experienced molecular scientists available to support your laboratory.

VALIDATION MATERIALS & SUPPORT AVAILABLE
Comprehensive documentation and validation assistance provided.

COMPATIBLE PLATFORMS

Validated on leading real-time PCR instruments.



Thermo Fisher QuantStudio™ 5



Thermo Fisher QuantStudio™ 12 Flex

Other Compatible Real-Time PCR Systems

COMPLETE TARGET LIST

- Chlamydia trachomatis
- Neisseria gonorrhoeae
- Trichomonas vaginalis
- Mycoplasma genitalium
- Ureaplasma urealyticum
- Ureaplasma parvum
- Treponema pallidum
- Herpes Simplex Virus 1 (HSV-1)
- Herpes Simplex Virus 2 (HSV-2)
- Haemophilus ducreyi
- Mycoplasma hominis
- Gardnerella vaginalis

High analytical sensitivity and specificity for reliable results you can trust.

WHY STEPHENS MOLECULAR GROUP?

We do more than supply reagents. We partner with your laboratory for long-term success.

ASSAY IMPLEMENTATION
Expert guidance for smooth assay adoption and integration.

VALIDATION PLANNING
Customized plans to meet regulatory and accreditation requirements.

SOP DEVELOPMENT
Comprehensive standard operating procedures tailored to your lab.

WORKFLOW OPTIMIZATION
Improve efficiency, reduce costs, and maximize productivity.

STAFF TRAINING
Hands-on training and resources for your laboratory team.

ONGOING TECHNICAL SUPPORT
Responsive molecular expertise when you need it.

MOLECULAR LABORATORY CONSULTING
Strategic support for growth and operational excellence.

INSPECTION READINESS ASSISTANCE
Support for CAP, CLIA, and other regulatory inspections.

VALIDATION MATERIALS & SUPPORT AVAILABLE
Ask about our comprehensive validation materials and support.