



SEXUALLY TRANSMITTED INFECTIONS (STI) PCR PANEL

Fast, Confidential & Comprehensive Molecular Screening



Sensitive. Specific. Stigma-Free Care.

Sexually transmitted infections continue to climb in the United States, with the CDC reporting more than 2.5 million combined cases of chlamydia, gonorrhea, and syphilis each year. Many STIs are asymptomatic—an estimated 80% in early stages—making molecular screening essential for early detection and partner protection. Medisure Labs' multiplex STI Panel uses real-time PCR to detect bacterial, viral, and protozoal targets from a single urine specimen or swab, with antimicrobial-resistance markers included to guide therapy.

Why Choose Medisure Labs for Sexually Transmitted Infections PCR Testing?



Higher Sensitivity than Culture

Detects infection earlier in the disease course, including asymptomatic carriage.



Broad Multiplex Coverage

Bacterial, viral, and protozoal targets in one assay—not separate orders.



Resistance Markers Included

Critical as gonococcal and Mycoplasma resistance continues to expand globally.



Confidential Physician Workflow

Discrete kit packaging, secure electronic reporting, and dedicated account support.



Did You Know?

- The CDC documented more than 2.5 million reported chlamydia, gonorrhea, and syphilis cases in 2023.
- An estimated 80% of chlamydia and gonorrhea infections are asymptomatic in the early stages.
- Untreated STIs contribute to pelvic inflammatory disease, infertility, ectopic pregnancy, and adverse neonatal outcomes.



Clinical Insight

The patient who 'just wants to be sure' is often the index case. PCR catches asymptomatic chlamydia, gonorrhea, Mycoplasma, and Trichomonas in a single specimen—turning a reassurance visit into a quiet, evidence-based intervention before the next exposure.



What Our STI Panel Detects

A single PCR assay covers the major bacterial, viral, and protozoal causes of sexually transmitted infection.

PATHOGENS & MARKERS DETECTED

Bacterial Pathogens	Viral Pathogens	Protozoal Pathogens	Antimicrobial Resistance Markers
- Chlamydia trachomatis - Neisseria gonorrhoeae - Mycoplasma genitalium	- HSV-1 - HSV-2	Trichomonas vaginalis	- blaTEM - gyrA - parC

Specimen & Ordering



SPECIMEN REQUIREMENTS

Clean-catch first-void urine (20 mL) OR vaginal swab in PCR-compatible transport medium. Patient-collected vaginal swabs accepted when clinically appropriate.



HOW TO ORDER

Turnaround: 24–48 hours from specimen receipt. Request Medisure Labs STI collection kits from your account representative. Submit completed requisition with the labeled specimen via prepaid courier; encrypted results are delivered to your provider portal.

Who Benefits from This Test



Primary Care & Women's Health

Confirm or exclude bacterial involvement before escalation.



Sexual Health & Family Planning Clinics

Screen for chlamydia and gonorrhea in a single visit no separate orders, no missed co-infections.



Treatment Failure Patients

Identify drug-resistant or unexpected organisms behind treatment failure.



Pregnant Patients

Screen and treat early to protect maternal and neonatal outcomes.

Who Should Get Tested

Symptomatic Patients

Discharge, dysuria, pelvic or scrotal pain, dyspareunia, intermenstrual bleeding, or genital lesions.

Sexually Active Women Under 25

Annual screening for C. trachomatis and N. gonorrhoeae per USPSTF and CDC guidelines.

Pregnant Patients

Screening at first prenatal visit and again in the third trimester for high-risk patients.

Known STI Exposure or Partner Diagnosis

Test, treat, and notify—prevent reinfection and onward transmission.

Preconception Counseling, Infertility Workup, or Recurrent Pregnancy Loss

Identify undiagnosed infection contributing to reproductive outcomes.

Partner with Medisure Labs

Make confidential, comprehensive STI screening a standard part of your practice with Medisure Labs. Contact us to activate your account and start ordering kits this week.

CONTACT & ORDERING INFORMATION

MEDISURE LABS



203-722-5981



support@medisurelab.com



www.medisurelab.com



4815 Jonestown Road Harrisburg, PA 17109