

Molecular STI

Molecular Sexually Transmitted Infections Diagnostic Service

Accurately detects all STI pathogens including antibiotic-resistant gene identification.



Did you know...

According to the DHHS, some STIs aren't curable, but their identification can help prevent transmission and help clinicians prescribe medicine to treat the symptoms.²

Centers for Disease Control and Prevention shows that 1 in 5 people had a sexually transmitted infection (STI) on any given day in 2018 in the United States. According to 2018 CDC's report: 26 million new STI cases were found in 2018 alone and ~50% of these infections affected people between the ages of 15-24, at a cost of nearly \$16 billion medical cost.¹

Fast and Accurate Laboratory Testing

GenviewDX offers STI molecular diagnostics that provide the highest sensitivity and specificity:

- Accurately detects all STI pathogens (please see the STI requisition), including antibiotic-resistant gene identification such as vancomycin and methicillin-resistance.
- Shortens the time of pathogenic diagnosis and effective treatment of STIs
- Robust 24-hour turnaround time with advanced molecular genetic tests (PCR)
- Innovative molecular technology has superior sensitivity vs. microbiology-based testing.
- User-friendly reporting provides clear antibiotic guidance for effective treatment and improved patient outcomes.

¹ Centers for disease control and prevention (<https://www.cdc.gov/std/life-stages-populations/stdfact-teens.htm>); <https://www.cdc.gov/nchhstp/newsroom/fact-sheets/std/STI-Incidence-Prevalence-Cost-Factsheet.html>; <https://www.cdc.gov/std/statistics/prevalence-incidence-cost-2020.htm>

² Centers <https://clinicalinfo.hiv.gov/sites/default/files/guidelines/documents/adult-adolescent-arv/guidelines-adult-adolescent-arv.pdf>

GenviewDX

281-824-1800 x [genviewdx.com](https://www.genviewdx.com)

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PATHOGEN PANEL

Candida auris
Candida albicans
Candida glabrata
Candida parapsilosis
Candida tropicalis
Candida lusitanae
Candida krusei (aka Pichia kudriavzevii)
Chlamydia trachomatis
Gardnerella vaginalis
Herpes simplex virus 1 probes (HSV-1)
Herpes simplex virus 2 probes (HSV-2)
Neisseria gonorrhoeae
Staphylococcus aureus
Trichomonas vaginalis
Treponema pallidum
Staphylococcus aureus
Streptococcus pyogenes (Group A)
Streptococcus agalactiae (Group B)
Cytomegalovirus (CMV, human herpes virus-5)

ANTIBIOTIC RESISANCE GENE PANEL

blaACC	MecA
blaACT	MecC
blaCMY	mefA
blaFOX	MIR
blaGES	MOX
blaVIM	NDM
Cfr	OXA-48
CTX-M_1	OXA-51
CTX-M_2	PER-1
CTX-M_8_25	qnrA
CTX-M_9	QnrB_1of4
dfrA1	QnrB_2of4
dfrA5	QnrB_3of4
DHA	QnrB_4of4
ermA	qnrS
ErmB	SHV
ErmC	Sul1
IMP-1	Sul2
IMP-2	Tet(M)
KPC	Tet(S)
MCR-1	vanA2
	vanB
	VEB



* Results reported within 24 hrs. after the sample is received at the lab.

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