



## Rapid Detection of **GENITOURINARY & SEXUALLY TRANSMITTED INFECTIONS**

HealthTrackRx (HTRx) is the nation's premier infectious disease laboratory with one mission: delivering fast, accurate and actionable results.

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### **ELIMINATE THE GUESSWORK IN DIAGNOSING AND TREATING GENITOURINARY AND SEXUALLY TRANSMITTED INFECTIONS.**

- Our Genito-STI pathogen assay utilizes the latest in quantitative RT-PCR (real-time reverse transcription polymerase chain reaction) technology to rapidly and reliably analyze your patient's sample.
- We rapidly detect and differentiate 98-99% of the most relevant bacterial, viral, and fungal pathogens including
  - One of the most complete selections of High Risk HPV (human papilloma virus) types
  - Robust coverage of agents causative of Pelvic Inflammatory Disease (PID), endometritis, cervical vaginitis (bacterial vaginosis), vulvitis, urethritis, prostatitis, cystitis, and Genito-urinary ulcers
- Our molecular technique provides a more definitive diagnosis than POC antigen assays.
- Our universal medium eliminates the need for specialized live sample handling or storage.
  - Safely inactivates and stabilizes sample in transport for subsequent analysis
  - Reduces the impact of transport time and cost
- Our Genito-STD diagnostics:
  - Reduce false negatives
  - Detect polymicrobial infections
  - Include one of the most extensive antibiotic resistance gene panels
  - Are unaffected by concurrent antibiotic use
  - Reports consistently delivered within 24-36 hours

# RAPID DETECTION OF GENITO-STD PATHOGENS



## PRESCRIBE WITH CONFIDENCE

As the leader in testing sensitivity and specificity, our reports include a custom-designed accurate and patient-specific detailed antibiogram.

- Support antibiotic stewardship by reducing over-utilization of broad-spectrum anti-infectives
- Decrease the need for empiric therapy
- Guidance helps reduce unnecessary drug exposure, adverse events, cost of repeat testing, and multiple treatment attempts



## REAL-TIME PCR MADE EASY

- We detect and differentiate 98-99% of the most common viral, bacterial, and fungal pathogens in addition to polymicrobial infections
- We offer the latest PCR technology available. Our industry-leading sensitivity and specificity reduce both false negatives and false positives
- Our technology is advanced, safe, and easy to deploy.
  - SimpliSwab – One swab to test it all. Just one vial and one swab, regardless of the pathogen target.
  - Shipping and handling made easy with our proprietary molecular transport medium. No refrigeration necessary.
  - We deliver clinically actionable data in clear, easy-to-read reports.

## THE NEW 99%

- ▶ Over 99% of results are reported within 24-36 hours of sample receipt
- ▶ Over 99% sensitivity to reduce false positives
- ▶ Over 99% specificity to reduce false positives
- ▶ Over 99% of the most common pathogens detected
- ▶ 100% trackable samples and results

## GENITO-STD INFECTIOUS DISEASE PATHOGENS PROFILE

- Acinetobacter baumannii
- Actinomyces israelii
- Atopobium vaginae
- Bacteroides fragilis
- BVAB 2,3 (bacterial vaginosis associated bacteria 1-3); Mobiluncus spp
- Candida albicans, glabrata, parapsilosis, tropicalis
- Candida auris
- Chlamydia trachomatis
- Citrobacter freundii
- Cytomegalovirus (CMV, Human Herpesvirus-5)
- Escherichia coli
- Enterobacter aerogenes, cloacae
- Enterococcus faecalis, faecium
- Gardnerella vaginalis
- Haemophilus ducreyi
- Herpes simplex virus 1 & 2 (HSV-1, HSV-2)
- High Risk HPV Types 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 67, 68, 69, 70, 73, 82
- Klebsiella (Calymmatobacterium) granulomatis
- Klebsiella pneumoniae, oxytoca
- Megasphaera (types 1, 2)
- Morganella morganii
- Mycoplasma genitalium, hominis
- Neisseria gonorrhoeae
- Peptostreptococcus anaerobius, asaccharolyticus, magnus, prevotii
- Proteus mirabilis, vulgaris
- Pseudomonas aeruginosa
- Serratia marcescens
- Staphylococcus spp
- Staphylococcus aureus
- Streptococcus agalactiae (Group B strep (GBS))
- Streptococcus pyogenes (Group A strep)
- Treponema pallidum
- Trichomonas vaginalis
- Ureaplasma urealyticum, parvum

## ANTIBIOTIC RESISTANCE

- VanA, VanB (Vancomycin resistance)
- ermB, C; mefA (Macrolide Lincosamide Streptogramin)
- SHV, KPC Groups (Class A beta lactamase)
- dfr (A1, A5), sul (1, 2) probes (Trimethoprim/Sulfamethoxazole resistance)
- mecA (Methicillin gene)
- qnrA1, qnrA2, qnrB2 (Fluoroquinolone genes)
- tet B, tet M (Tetracycline genes)
- IMP, NDM, VIM Groups (Class B metallo beta lactamase)
- ACT, MIR, FOX, ACC Groups (AmpC beta lactamase)
- OXA-48, -51 (Class D oxacillinase)
- CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups (Class A beta lactamase)

EFFECTIVE STARTING 7/13/2020

LEARN MORE



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