



Rapid Detection of **ENT PATHOGENS**

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

ELIMINATE THE GUESSWORK IN DIAGNOSING AND TREATING ENT PATHOGENS.

- Our ENT 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 viral, bacterial, and fungal otolaryngology pathogens, including Influenza, Aspergillus, Moraxella, and Rhizopus.
- Our molecular technique provides a more definitive diagnosis than POC antigen assays and most common ENT tests:¹
- 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 ENT 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

1. Torres, A, Lee, N., Cilloniz, C et al. (2016 Nov 3). Laboratory diagnosis of pneumonia in the molecular age. European Respiratory Journal 48: 1764-1778. <http://ow.ly/2ajh304NuCn>

RAPID DETECTION OF ENT 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.
 - Reports are consistently delivered within 24-36 hours of sample receipt
 - Dedicated to affordability – We are one of the industry's most affordable PCR laboratories and in-network with most major payers and insurers.

THE NEW 99%

- ▶ Over 99% of results are reported within 24-36 hours of sample receipt
- ▶ Over 99% sensitivity so you can prescribe the right antibiotic every time
- ▶ Over 99% sensitivity to reduce false positives
- ▶ Over 99% of the most common pathogens detected
- ▶ 100% trackable samples and results

OTOLARYNGOLOGY INFECTIOUS DISEASE PATHOGENS

- Acinetobacter baumannii
- Adenovirus HAdV-B
- Aspergillus flavus, fumigatus, niger, terreus
- Candida albicans, glabrata, parapsilosis, tropicalis
- Candida Auris
- Chlamydia trachomatis
- Chlamydomydia pneumoniae
- Coronavirus (229E, NL63, OC43, and HKU1)
- COVID-19 Coronavirus (SARS-CoV-2)
- Cytomegalovirus (CMV, Human Herpesvirus-5)
- Escherichia coli, Enterobacter aerogenes, cloacae
- Enterovirus A, B, C
- Enterovirus D68
- Haemophilus influenzae
- Human metapneumovirus
- Influenza virus A, B
- Klebsiella pneumoniae, oxytoca
- Moraxella catarrhalis
- Mycoplasma genitalium, hominis
- Mycoplasma pneumoniae
- Neisseria gonorrhoeae
- Parainfluenza virus (types 1, 2, 3, 4)
- Proteus mirabilis, vulgaris
- Pseudomonas aeruginosa
- Respiratory syncytial virus
- Rhinovirus A, B, C
- Rhizopus spp., Mucor spp.
- Serratia marcescens
- Staphylococcus spp
- Staphylococcus aureus
- Streptococcus agalactiae (Group B Strep (GBS))
- Streptococcus pneumoniae
- Streptococcus pyogenes (Group A Strep (GAS))
- Ureaplasma urealyticum, parvum

ANTIBIOTIC RESISTANCE

- VanA, VanB (Vancomycin genes)
- ermB, c; mefA
- SHV, KPC Groups
- CTX-M1 (15), M2 (2), M9 (9), M8/25 Groups
- dfr (A1, A5), sul (1, 2) probes
- mecA (Methicillin gene)
- qnrA1, qnrA2, qnrB2
- tet B, tet M (Tetracycline genes)
- IMP, NDM, VIM Groups
- ACT, MIR, FOX, ACC Groups
- OXA-48, -51 (Class D oxacillinase)

EFFECTIVE STARTING 7/20/2020

LEARN MORE



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