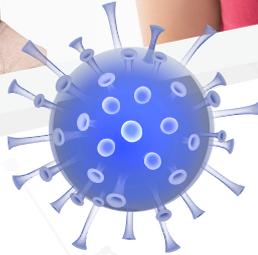
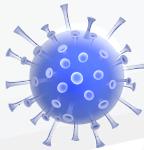


Rapid & Accurate Detection of ENT INFECTIONS

Unraveling the Mystery of ENT Infections –
A Revolutionary PCR Test!



Ear, Nose, and Throat (ENT) infections are a leading cause of doctor visits, yet traditional diagnostic methods often fall short. Delayed results, low sensitivity, and unnecessary antibiotic use can lead to complications and prolonged illness. At our partnered labs, we offer a cutting-edge ENT Infection Panel powered by Polymerase Chain Reaction (PCR) technology. This advanced test provides fast, accurate, and comprehensive detection of bacterial, viral, and fungal infections—helping physicians make informed treatment decisions in just 24-48 hours.

Why Choose Our ENT Infection Panel?



Rapid Results

Accurate diagnosis in 24-48 hours instead of days.



High Sensitivity and Specificity

Detects low-level infections that standard tests miss.



Comprehensive Analysis

Identifies multiple pathogens and antibiotic resistance markers in a single test.



Targeted Treatment Guidance

Reduces unnecessary antibiotics and improves patient care.

Ensure faster recovery, precise treatment, and better health outcomes with our innovative ENT Infection Panel.

Why Traditional Testing Falls Short

The Limitations of Conventional ENT Infection Testing



Slow Turnaround Time

Culture-based testing takes 3-7 days, delaying treatment decisions.



Limited Detection

Standard methods often miss co-infections, leading to misdiagnosis.



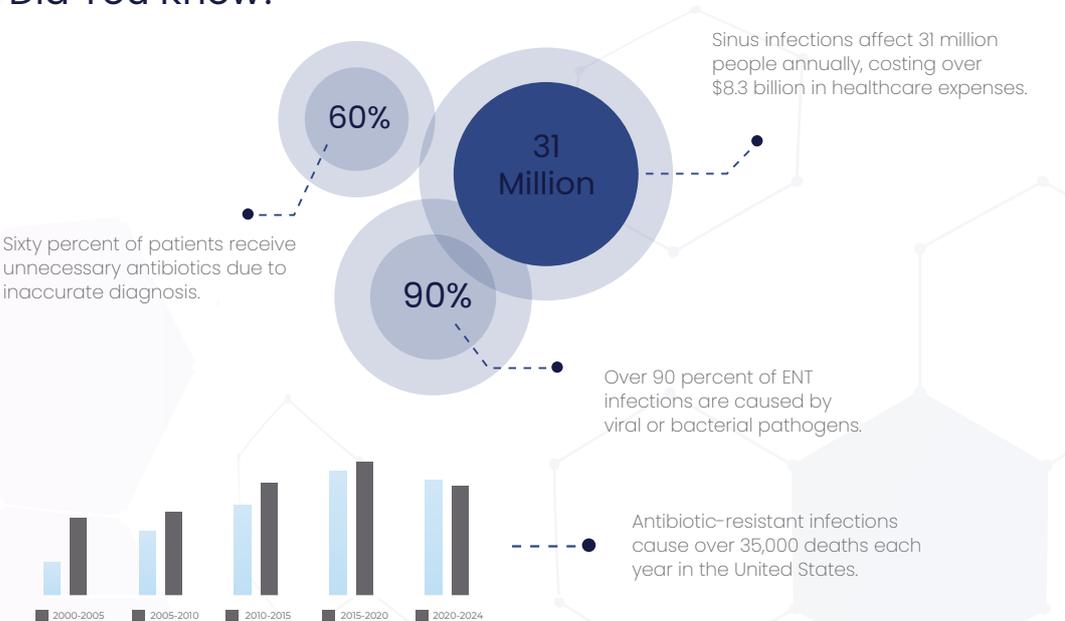
Antibiotic Overuse

Without precise pathogen identification, antibiotics are often prescribed unnecessarily, contributing to antibiotic resistance.

How Our PCR Test Solves These Issues

- **Fast and Accurate:** Delivers precise results within 24-48 hours.
- **Comprehensive Detection:** Identifies viruses, bacteria, and fungi in a single test.
- **High Sensitivity:** Detects even low-level infections missed by culture-based methods.
- **Better Patient Care:** Helps doctors prescribe the right treatment, reducing complications and unnecessary medication use.

Did You Know?



With PCR testing, infections can be diagnosed faster, complications can be prevented, and patient outcomes can be improved.

What Does Our Test Cover?

Comprehensive Pathogen Detection

Our PCR-based ENT Infection Panel detects a wide range of viruses, bacteria, and fungi, ensuring an accurate diagnosis.

Viruses (Early detection prevents complications)

Adenovirus
Cytomegalovirus
Epstein-Barr virus
Enterovirus (pan)
Herpes simplex virus 1, 2
Parainfluenza virus (types 1-4)
Varicella-zoster virus

Bacteria (Key culprits behind ENT infections)

Chlamydia trachomatis
Haemophilus influenzae
Klebsiella pneumoniae
Moraxella catarrhalis
Pseudomonas aeruginosa
Staphylococcus aureus
Streptococcus (Group A, B, pneumoniae)

Fungi (Important for immunocompromised patients)

Aspergillus (flavus, fumigatus, niger, terreus)
Candida (albicans, glabrata, parapsilosis, tropicalis)
Fusarium (oxysporum, solani)

Antibiotic Resistance Markers (Critical for targeted therapy)

CTX-M, dfr, sul, ermB, mefA
IMP, NDM, VIM, OXA-48, OXA-51
qnrAI, SHV, KPC, tetB, VanA, VanB, mecA

Why It Matters:



Early detection prevents severe complications.



Co-infections are identified, ensuring accurate diagnosis.



Reduces the misuse of broad-spectrum antibiotics, improving treatment outcomes.

Who Should Get Tested?

Our ENT Infection Panel is ideal for:

- ✓ Patients with persistent or recurrent ENT infections, including sore throat, sinus infections, ear infections, and chronic cough.
- ✓ Individuals whose infections do not improve with antibiotics.
- ✓ Immunocompromised patients at higher risk of severe infections.
- ✓ Pediatric and elderly patients experiencing ENT-related symptoms.

Sample Collection, Shipping, and Results

- **Non-Invasive Sample Collection:** A simple swab sample from the throat, nasal cavity, or middle ear.
- **Painless Procedure:** Takes just a few seconds.
- **Fast and Reliable Processing:** Specimen pickup and shipping options available.
- **Secure Reporting:** Results delivered within 24-48 hours through our physician portal.
- **Trusted Accuracy:** Our advanced PCR technology ensures highly accurate results with minimal discomfort.



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