

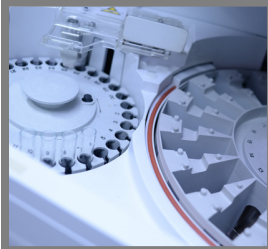
PathoGenius® is a CAP Accredited, CLIA Licensed Clinical Diagnostic Laboratory

We provide physicians and their patients with the most advanced molecular based microbial testing available. The laboratory utilizes next generation DNA sequencing technologies to identify pathogenic microbes within patient samples. In this way, PathoGenius can:

- Identify specific organisms contributing to the patient's disease state on an Individual sample basis.
- Provide true Personalized Medicine for physicians and their patients.
- Provide medicinal solutions with the help of our affiliated pharmaceutical partners.

The end result has been remarkable improvements in patient outcomes as evident by our published work.

Healthcare practitioners, contact us today to discuss how molecular diagnostics provided by PathoGenius® can bring your practice to the forefront of technological advancement.



Validated Sample Handling

The PathoGenius® system of molecular diagnostics dramatically reduces the chance for errors in specimen collection, handling, stability, and time to analysis.



Specimen Management

PathoGenius® follows ASM guidelines. Proper specimen management is the key to accurate laboratory diagnosis and confirmation.



Level 1: 24-hr Rapid Screen

Uniquely designed molecular diagnostic panels that quantitatively screen for the most common bacteria or viruses of interest for various medical specialties.



Level 2: Decodex™

The first universally comprehensive bacterial and fungal diagnostic test based on comparative DNA sequencing analysis.

Testing Options

Two types of molecular microbial diagnostic tests are offered at PathoGenius®. In both types of analysis, the microbial DNA is extracted from the patient's swab, washing, or tissue sample. The microbial DNA is then analyzed using molecular diagnostic methods. The report contains information about the pathogenic organisms detected.

Level 1

The **LEVEL 1 RAPID SCREEN DIAGNOSTIC PANELS ARE APPLICATION SPECIFIC DESIGNS** to screen for about 24 of the most commonly identified pathogens of concern using quantitative PCR. Thus, the Level 1 Wound panel differs from the Level 1 ENT, Respiratory Viral Panel, etc.

Level 2

The **LEVEL 2 DECODEX™ TEST SEQUENCES THE ENTIRE MICROBIAL DNA** from the sample and identifies the pathogens and the relative percent abundance in which they appear in the sample.



Contact your local PathoGenius Representative for a consultation for specific applications.