

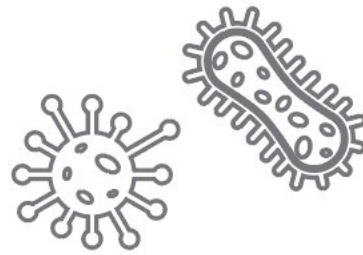
What is PCR Technology?



Polymerase Chain Reaction (PCR) is a common technique used in medical and biological research labs for detecting the presence or absence of pathogen-specific DNA/RNA to accurately identify the cause of infection.



While using real-time PCR it is possible to generate thousands of copies of a particular section of DNA from a very small amount of DNA.



Real-time PCR technology allows providers to differentiate between **viral** and **bacterial** pathogens.

Accurate Testing → **Accurate Care**

Why consider PCR testing?

The Center for Disease Control and Prevention (CDC) has discovered **1 in 3 antibiotic prescriptions are unnecessary.**¹

Each year in the United States, at least **2 MILLION** people become infected with bacteria that are resistant to antibiotics.

Fast, Accurate, Reliable Results

- Ensuring patients receive proper and effective treatment.
- Providing accurate detection of pathogen using real-time PCR technology.
- Delivering easy to interpret test results within 24 hours.

Current PCR Panels

Respiratory
Urinary Tract Infection (UTI) w/ ABX
Wound Infection w/ ABX
Sexually Transmitted Infection (STI)
Vaginitis
Antibiotic Resistance (ABX)



We provide a highly accurate, comprehensive and rapid testing solution to correctly identify infectious pathogens through the use of very sensitive and specific real-time PCR assays.

Streamlined Process

- 1 Collect a patient specimen.
- 2 Send the specimen to our lab via overnight shipping or courier.
- 3 The specimen arrives in our lab and results will be ready in one day.
- 4 Results are delivered on a one page summary that provides answers to most questions, without having to review pages of data.

This test detects the presence of pathogen only and does not detect disease. Clinically correlate results for significance.

References:

1. "CDC: 1 in 3 antibiotic prescriptions unnecessary." Centers for Disease Control and Preventions, 3 May 2016, <https://www.cdc.gov/media/releases/2016/p0503-unnecessary-prescriptions.html>