

# Molecular PCR Testing

Mountain Crest Medical

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## Why Target UTIs?

Urinary tract infections (UTIs) account for hundreds of thousands of hospitalizations per year. At times a minor UTI can resolve on its own, but many Urinary Infections can present serious issues when left unmonitored or untreated. This will result in further complications and can even lead to death.

Clinical diagnosis of UTIs has become more complex with the changes of multi-medication resistant organisms. As many as one-third of UTIs can show resistance to antibiotics. To combat that data, the development of advanced diagnostics is critical. More efficient diagnostics for accurate identification of the pathogens can now be used to identify the infection.

## Evaluation and Collection

Evaluating for symptoms and sampling is critical for proper treatment. Prolonged result time and improper diagnosis can lead to an ineffective treatment plan.

Diaper/ Brief Collection Designed for Senior Living Residents who may be incontinent.

Collecting a clean catch urine sample may not always be an option with senior living residents.

With BD (Becton Dickinson) products a trained clinician can swab a wet, saturated brief as an alternative to a clean catch urine sample. **This provides a much easier and more efficient collection process.**

## Diagnostics and Detection

Detect more than 20 different types of pathogens and deliver accurate results much faster than traditional labs.

## Accuracy of Reports

Studies prove molecular pathogen testing is more accurate than standard culture testing. Molecular pathogen testing detects anaerobic organisms growing deep inside that standard cultures often miss.

## Amplification

Using a DNA molecular approach, amplification of testing sample genetic material is faster than standard culture growth, it also delivers increased sensitivity and a quicker result.

With molecular testing, you receive a state-of-the-art lab report of the type and percent of pathogens found with identification of antimicrobial resistance.

## Rapid Turn-Around

Rapid turnaround time is within 24-48 hours from delivery to our laboratory.

## Patient-Specific Diagnostics

We offer healthcare professionals a quick and accurate result with one sample.