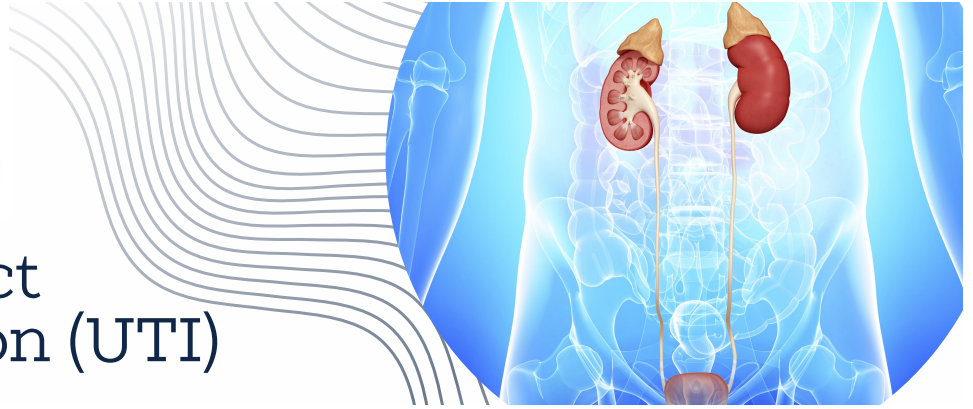




PRADUS DIAGNOSTICS
COMMUNITY LAB PARTNERS

Urinary Tract Infection (UTI)



PCR molecular testing is the evolution of urinary tract infection testing. PCR molecular testing screens for 20 different pathogens and several antibiotic resistance markers.

As a prevalent condition affecting millions of individuals annually, urinary tract infections (UTIs) can lead to significant discomfort and disruptions to daily life. As the second most prevalent form of infection within the human body, UTIs account for over 8 million annual doctor visits. Timely identification and intervention can avert the spread of infection to the bladder or kidneys. Our state-of-the-art PCR UTI testing service streamlines the diagnostic process, allowing for swift and accurate diagnosis and empowering healthcare professionals to deliver timely and effective treatment. Our PCR UTI testing service facilitates efficient patient care by providing prompt, efficient, and thorough diagnostic results within 24 hours.

Why is a PCR test better than a Urine Culture?

The urine culture has long been valuable for diagnosing urinary tract infections. However, the PCR test offers several exciting benefits compared with a urine culture, including:

- Results in 24 hours or less
- More accurate diagnosis
- Can identify a more comprehensive list of bacteria and pathogens
- Identifies antibiotic sensitivities and resistances for faster and more effective treatment.

The Urine PCR test, utilizing a multiplex polymerase chain reaction (PCR) methodology, is a highly advanced diagnostic tool for detecting urinary tract infections. This test surpasses the traditional urine culture method in bacterial identification. PCR urine testing involves the amplification of a segment of DNA from the patient's urine sample, resulting in an accurate identification of the causative pathogen responsible for the UTI. Furthermore, this technique provides critical information on effective antibiotic treatments and potential antibiotic resistance, enabling clinicians to make informed treatment decisions.

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