



COMPLICATED UTI SCREEN - Test Code 2205



Turnaround Time: 5-7 business days



Specimen Type:
Spot Urine

Description

The urinary tract is a frequent site for bacterial infections, especially among post-menopausal women. Complicated UTIs extend beyond the bladder, affecting the kidneys and are considered more severe than uncomplicated UTIs, which typically remain confined to the bladder and urethra (Sabih & Leslie, 2023). These infections pose a higher risk due to their potential to cause significant complications if left untreated.

Recurrent UTIs can lead to a range of serious health issues, including kidney damage which can result from persistent infection and inflammation (Sabih & Leslie, 2023). In pregnant women, recurring UTIs may contribute to premature birth or low birth weight, posing risks to both maternal and foetal health (Sabih & Leslie, 2023). Furthermore, if a complicated UTI progresses without proper intervention, it can lead to life-threatening conditions such as sepsis, a systemic inflammatory response to infection that requires urgent medical attention (Sabih & Leslie, 2023).

The use of quantitative PCR for the detection of urinary tract infections enables healthcare providers to identify the specific bacterial strains involved, allowing for targeted treatment approaches. This technology enhances the ability to diagnose and manage complicated UTIs, reducing the risk of recurrence and related complications.

Whats included?

- PCR analysis of the Urinary system including bacteriology, fungi and STI's.

*Scan the QR code for the full list of analytes

Conditions and Symptoms

- Chronic UTIs
- Urgency and frequency
- Burning, pain (dysuria)
- Lower abdominal or back pain
- Fever and chills
- Nausea and vomiting
- Cloudy, dark or foul-smelling urine
- Confusion or altered mental state
- Severe fatigue

Complementary Testing

- Vaginal Microbiome Profile (Test code 2031)
- Sexual Health Profile (Test code 2032)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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*See NATA and CLIA website for further details