

URINE GENEXPERT-CB NAAT

Profile Details | 1 Parameters

Fasting: Overnight fasting for 9-12 hours | Report Time: Within 4 Days



Specimen Required: Urine

Price- ₹2800 ₹1999

Parameters Included

About This Test

A urine GeneXpert CB-NAAT (Cartridge-Based Nucleic Acid Amplification Test) measures the presence of *Mycobacterium tuberculosis* (MTB) DNA and resistance to rifampicin (RIF), a critical first-line anti-tuberculosis medication. Here's what the test assesses: 1. Detection of Tuberculosis (TB): Identifies the DNA of *Mycobacterium tuberculosis* in the urine, indicating an active TB infection. This is particularly useful for diagnosing extrapulmonary TB, including renal or urinary TB. 2. Rifampicin Resistance: Determines whether the TB bacteria present in the urine are resistant to rifampicin, which is a key marker for multidrug-resistant TB (MDR-TB). 3. Rapid Diagnosis: Provides a quick and accurate diagnosis of TB and rifampicin resistance, typically within a few hours. This allows for prompt initiation of appropriate treatment. 4. Non-Sputum-Based Diagnosis: Offers an alternative diagnostic method for patients who are unable to produce sputum samples or have extrapulmonary TB, enhancing the diagnostic process for TB in diverse clinical scenarios. In summary, the urine GeneXpert CB-NAAT test measures the presence of *Mycobacterium tuberculosis* DNA and rifampicin resistance in urine, enabling rapid and precise diagnosis of TB and facilitating the detection of drug-resistant TB strains



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*Fasting 10-12 hrs essential | *Limited Period Offer | *Reports within Within 4 Days

For appointments and queries: 82733 39996 | www.thexpertlab.com