CMV QUANTITATIVE PCR

Profile Details | 1 Parameters

Fasting: Overnight fasting for 9-12 hours | Report Time: Within 2 Days

Specimen Required: Blood

Price- ~~₹10000~~ **₹6949**

Parameters Included

About This Test

CMV (Cytomegalovirus) quantitative PCR (Polymerase Chain Reaction) is a test that measures the amount of CMV DNA in a patient's blood or other body fluids. The test is highly sensitive and specific, detecting even low levels of the virus. ### Key Points: 1. **Quantification**: This test quantifies the viral load, providing a numerical value o CMV DNA copies present in the sample. 2. **Diagnosis**: It is used to diagnose active CMV infections, especially in immunocompromised individuals, such as organ transplant recipients, HIV patients, and newborns. 3. **Monitoring**: The test is crucial for monitoring the effectiveness of antiviral treatment and managing CMV reactivation or progression. 4. **Guiding Therapy**: Helps in adjusting antiviral therapy based on viral load measurements, improving patient management and outcomes ### Clinical Use: - **Immunocompromised Patients**: Monitoring CMV activity and guiding therapy. - **Congenital CMV**: Diagnosing CMV infections in newborns. - **Transplant Recipients**: Detecting and managing CMV reactivation post-transplant. Accurate measurement of CMV viral load through quantitative PCR aids in early diagnosis, effective treatment, and improved patient care.

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**Fasting 10–12 hrs essential | *Limited Period Offer | *Reports within Within 2 Days*

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