CHIKUNGUNYA VIRUS-RTPCR QUALITATIVE

Profile Details | 1 Parameters

Fasting: Fasting is not mandatory | Report Time: Within 3 Days

Specimen Required: Blood

Price- ~~₹2600~~ **₹1530**

Parameters Included

About This Test

Chikungunya virus RT-PCR is a diagnostic test used to detect the presence of chikungunya virus RNA in blood samples. Chikungunya is a viral disease transmitted by mosquitoes, primarily Aedes aegypti and Aedes albopictus. The RT-PCR (Reverse Transcription Polymerase Chain Reaction) test is highly sensitive and specific, making it a reliable method for identifying the virus, especially during the acute phase of infection when viral RNA is present in high concentrations. **Key Points:** - **Purpose:** This test detects chikungunya virus RNA, confirming an active infection. It is crucial for diagnosing the disease and distinguishing it from other similar infections, such as dengue or Zika virus. - **Procedure:** Blood samples are collected and processed to extract RNA, which is then reverse-transcribed into complementary DNA (cDNA) and amplified to detect the presence of the virus. - **Clinical Relevance:** Accurate diagnosis helps in managing the infection, providing appropriate treatment, and implementing control measures to prevent outbreaks. Chikungunya virus RT-PCR is essential for timely diagnosis and effective management of chikungunya virus infections.

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**Fasting 10–12 hrs essential | *Limited Period Offer | *Reports within Within 3 Days*

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