LACTATE

Profile Details | 1 Parameters

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

Specimen Required: Blood

Price- ~~₹1100~~ **₹570**

Parameters Included

About This Test

Lactate is measured in the blood to assess the level of lactic acid, which is produced when oxygen levels are low and the body switches to anaerobic metabolism. Elevated lactate levels can indicate a lack of oxygen in tissues, commonly seen in conditions such as sepsis, shock, heart failure, and severe anemia. **Key Points:** - **Purpose:** Measures the concentration of lactate in the blood to evaluate oxygen delivery to tissues and the presence of anaerobic metabolism. - **Clinical Relevance:** High lactate levels can signal critical conditions like sepsis, tissue hypoxia, severe infection, or metabolic disorders. - **Diagnostic Use:** Helps diagnose and monitor conditions causing tissue hypoxia and metabolic acidosis, guiding treatment decisions in emergency and critical care settings. - **Interpretation:** Elevated lactate levels indicate poor oxygenation and increased anaerobic metabolism, necessitating further investigation and intervention to address underlying causes. Monitoring lactate leve provides valuable information on tissue oxygenation and metabolic status, crucial for managing acute and chronic health conditions.

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

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