LEPTIN

Profile Details | 1 Parameters

Fasting: Overnight fasting for 9-12 hours | Report Time: Within 7 Days

Specimen Required: Blood

Price- ~~₹5000~~ **₹3990**

Parameters Included

About This Test

A **leptin** test measures the level of leptin, a hormone produced primarily by adipose (fat) tissue. Here's what this test assesses: 1. **Body Fat Levels**: Leptin levels correlate with the amount of body fat. Higher levels generally indicate greater fat stores, while lower levels suggest less fat. 2. **Appetite Regulation**: Leptin plays a role in regulating appetite and energy expenditure by signaling the brain about the body's fat stores. Abnormal levels can affect hunger and satiety signals. 3. **Metabolic Disorders**: Helps in diagnosing conditions related to obesity, such as leptin resistance, where despite high leptin levels, the brain does not respond properly, leading to overeating and weight gain. 4. **Energy Balance**: Assesses how well the body's energy balance and weight regulation systems are functioning. 5. **Assessment of Leptin-Related Conditions**: Used to evaluate certain disorders related to leptin production or action, such as congenital leptin deficiency or lipodystrophy. In summary, a leptin test measures the hormone's levels to assess body fat, appetite regulation, metabolic disorders, and energy balance.

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**Fasting 10–12 hrs essential | *Limited Period Offer | *Reports within Within 7 Days*

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