

COMPLEMENT TOTAL (CH 50)

Profile Details | 1 Parameters

Fasting: Overnight fasting for 9-12 hours | Report Time: Within 3 Days



Specimen Required: Blood

Price- ₹4200 ₹3199

Parameters Included

About This Test

The **complement total (CH50)** test measures the overall activity of the complement system in the blood. The complement system is a group of proteins that work together to help the immune system respond to infections and other threats. Here's what the test assesses: 1. **Overall Complement Function**: Evaluates the total functional activity of complement proteins, which play a key role in immune responses by helping to clear pathogens, promote inflammation, and remove damaged cells. 2. **Complement Deficiencies**: Helps identify deficiencies or dysfunctions in complement proteins, which can increase susceptibility to infections or indicate certain autoimmune diseases. 3. **Autoimmune Disease Assessment**: Used to assess and monitor autoimmune diseases such as systemic lupus erythematosus (SLE), where complement levels may be abnormal. 4. **Disease Monitoring**: Helps in monitoring diseases affecting the complement system and guiding treatment decisions. In summary, the CH50 test measures the functional activity of the complement system to evaluate immune function and detect potential complement deficiencies or abnormalities.



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

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