

# CYCLOSPORINE A

Profile Details | 1 Parameters

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



**Specimen Required:** Blood

**Price- ₹5100 ₹2849**

## Parameters Included

### About This Test

A \*\*cyclosporine A\*\* test measures the concentration of cyclosporine in the blood. Cyclosporine is an immunosuppressant drug used to prevent organ rejection in transplant patients and to treat certain autoimmune conditions. Here's what the test assesses: 1. \*\*Therapeutic Drug Monitoring\*\*: Ensures that cyclosporine levels remain within the therapeutic range. Maintaining appropriate levels is crucial to prevent organ rejection while minimizing the risk of toxicity. 2. \*\*Adjusting Dosage\*\*: Helps doctors adjust the dosage of cyclosporine to achieve optimal therapeutic levels, as too low a dose may lead to organ rejection and too high a dose may cause toxicity. 3. \*\*Evaluating Compliance\*\*: Assesses whether patients are taking their medication as prescribed. Abnormal levels can indicate non-compliance or incorrect dosing. 4. \*\*Identifying Drug Interactions\*\*: Monitors potential interactions with other medications that could affect cyclosporine levels. 5. \*\*Assessing Liver and Kidney Function\*\*: Since cyclosporine can affect liver and kidney function, monitoring its levels can help in evaluating the impact on these organs. In summary, a cyclosporine A test measures the concentration of the drug in the blood to monitor therapeutic levels, adjust dosage, ensure patient compliance, identify drug interactions, and assess liver and kidney function.



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

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