

SERUM FREE LIGHT CHAINS ASSAY OR FREE LIGHT CHAIN KAPPA N LAMDA OR SFLC OF FLC BY NEPHLOMETRY METHOD

Profile Details | 1 Parameters

Fasting: Fasting is not mandatory | Report Time: Within 6 Days



Specimen Required: Blood

Price- ₹8500 ₹4495

Parameters Included

About This Test

A **Serum Free Light Chains (FLC) Assay** measures the levels of free kappa and lambda light chains in the blood. Light chains are components of immunoglobulins (antibodies) produced by plasma cells. Normally, light chains are bound to heavy chains to form complete antibodies, but sometimes free light chains are released into the bloodstream. **Key Points:** - **Purpose:** The assay is used to detect and quantify free kappa and lambda light chains in the serum. - **Clinical Relevance:** It helps diagnose and monitor plasma cell disorders such as multiple myeloma, light chain amyloidosis, and other related conditions. Abnormal levels of free light chains can indicate an overproduction by malignant plasma cells. - **Diagnostic Use:** The test can detect light chain abnormalities earlier than other methods, aiding in the early diagnosis of multiple myeloma and related disorders. It is also used to monitor the effectiveness of treatment and detect disease recurrence. - **Interpretation:** The ratio of kappa to lambda light chains is important. An abnormal ratio can suggest a clonal plasma cell disorder, providing critical information for diagnosis and treatment planning. The Serum Free Light Chains Assay is an essential tool for diagnosing and managing plasma cell dyscrasias and other related conditions.



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*Fasting 10-12 hrs essential | *Limited Period Offer | *Reports within Within 6 Days

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