LKM- 1 ANTIBODIES / LIVER KIDNEY MICROSOME ANTIBODY IFA

Profile Details | 1 Parameters

Fasting: Overnight fasting for 9-12 hours | Report Time: Within 5 Days

Specimen Required: Blood

Price- ~~₹3500~~ **₹1650**

Parameters Included

About This Test

LKM-1 (Liver Kidney Microsomal Type 1) Antibodies are autoantibodies directed against the cytochrome P450 enzyme CYP2D6, which is found in the liver and kidney microsomes. The presence of LKM-1 antibodies is most commonly associated with autoimmune hepatitis type 2, a form of liver inflammation where the immune system mistakenly attacks liver cells. **Key Points:** - **Function:** LKM-1 antibodies target specific enzymes in the liver and kidneys, indicating an autoimmune response agains these organs. - **Clinical Relevance:** The detection of LKM-1 antibodies is crucial for diagnosing autoimmune hepatitis type 2, especially in children and young adults. This type of hepatitis is less common than type 1 and has different clinical and immunological characteristics. - **Diagnostic Use:** LKM-1 antibody testing is part of the diagnostic workup for autoimmune hepatitis. It helps distinguish type 2 from other types of autoimmune hepatitis and liver diseases. The test is often used alongside othe autoantibody tests (such as ANA and ASMA) and liver function tests to confirm the diagnosis. - **Management:** Identifying LKM-1 antibodies assists healthcare providers in developing targeted treatment plans, which typically involve immunosuppressive medications to reduce liver inflammation and prevent further damage. Monitoring LKM 1 antibodies is essential for accurately diagnosing and effectively managing autoimmune hepatitis type 2.

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**Fasting 10–12 hrs essential | *Limited Period Offer | *Reports within Within 5 Days*