ANTI A- IGM TITRE

Profile Details | 1 Parameters

Fasting: Fasting is not mandatory | Report Time: Within 3 Days

Specimen Required: Blood

Price- ~~₹1500~~ **₹949**

Parameters Included

About This Test

An Anti-A IgM titer measures the concentration of Anti-A IgM antibodies in the blood. These antibodies specifically target the A antigen on red blood cells and are significa in various clinical contexts. Here are the key aspects: 1. **Blood Transfusions**: Determines compatibility between donor and recipient blood types, particularly important for individuals with blood type O, who may have Anti-A IgM antibodies. It helps prevent adverse reactions during transfusions. 2. **Acute Hemolytic Transfusion Reactions**: Helps assess the risk of acute hemolytic transfusion reactions, which can occur if a patient receives incompatible blood. Anti-A IgM antibodies can cause immediate destruction of transfused red blood cells. 3. **Hemolytic Disease of the Newborn (HDN)**: Though primarily associated with IgG antibodies, IgM antibodies can also play a role in HDN, especially in cases of ABO incompatibility between the mother and fetus. 4. **Immune Response Assessment**: Evaluates the body's immune response to foreign A antigens, which is particularly relevant in cases of transfusions, transplants, or autoimmune disorders. 5. **Cold Agglutinin Disease**: In some autoimmune conditions like Cold Agglutinin Disease, Anti-A IgM antibodies can cause red blood cells to clump together at lower temperatures, leading to hemolysis and anemia. In summary, the Anti-A IgM titer provides crucial information for ensuring safe blood transfusions, assessing the risk of hemolytic reactions, managing HDN, and evaluating immune responses in various clinical scenarios.

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

For appointments and queries: **82733 39996** | www.thexpertlab.com