



# Labsmart Software

## Sample Letterhead

+91 12345 67890

yourlabname@gmail.com

<https://www.yourlabname.in/>**Mr. Saubhik Bhaumik**

Age / Sex : 27 YRS / M  
Referred by : Dr. Sachin Patil (MBBS)  
Reg. no. : 1060



1060

Registered on : 12/11/2024 03:48 PM  
Collected on : 12/11/2024  
Received on : 12/11/2024  
Reported on : 12/11/2024 03:48 PM

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**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
SERUM IGE	82	IU/mL	1 - 190

**Notes**

Normal IgE levels don't rule out the possibility of IgE-dependent allergies. This is because the accuracy of the test can be influenced by factors such as the time between exposure to an allergen and testing, the patient's age, and the specific organs affected. Additionally, the severity of an allergic reaction is not strongly related to the amount of IgE in the blood.

**Comments**

Immunoglobulin E (IgE) plays a key role in triggering allergic reactions. Its levels are low in the first year of life but increase as a child grows, reaching adult levels by around age 10. Measuring IgE levels can help differentiate between atopic diseases (like allergic asthma, allergic rhinitis, and atopic dermatitis) and non-atopic conditions.

**Increased Levels** - Atopic/Non-atopic allergy, Hyper IgE syndrome, Parasitic infections, IgE Myeloma, Pulmonary Aspergillosis, Immunodeficiency states & Autoimmune diseases.

**Uses**

- Evaluate children with a family history of allergies and early symptoms.
- Assess individuals for allergic respiratory issues and identify allergens.
- Confirm food allergies in patients with severe reactions or skin issues.
- Test for insect venom allergies if skin tests are unclear.
- Check for IgE antibodies to specific workplace allergens.

~~~ End of report ~~~

Mr. Sachin Sharma  
DMLT, Lab Incharge

Dr. A. K. Asthana  
MBBS, MD Pathologist

**NOT VALID FOR MEDICO LEGAL PURPOSE**

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.