










LABORATORY TEST REPORT

Name	: Mr. SAI KUMAR		
Sample ID	: A0788011		
Age/Gender	: 17 Years/Male	Reg. No	: 0312410280057
Referred by	: Dr. RAMYA REDDY	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-Oct-2024 07:29 PM
Primary Sample	: Whole Blood	Received On	: 28-Oct-2024 11:20 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 29-Oct-2024 08:09 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report












HAEMATOLOGY

Test Name	Results	Units	Biological Reference Interval
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Complete Blood Picture(CBP)

 Haemoglobin (Hb) <small>(Method: Cymeth Method)</small>	15.2	g/dL	13-17
 Haematocrit (HCT) <small>(Method: Calculated)</small>	44.4	%	40-50
 RBC Count <small>(Method: Cell Impedance)</small>	5.39	10 ¹² /L	4.5-5.5
 MCV <small>(Method: Calculated)</small>	82	fl	81-101
 MCH <small>(Method: Calculated)</small>	28.1	pg	27-32
 MCHC <small>(Method: Calculated)</small>	34.2	g/dL	32.5-34.5
 RDW-CV <small>(Method: Calculated)</small>	13.4	%	11.6-14.0
 Platelet Count (PLT) <small>(Method: Cell Impedance)</small>	295	10 ⁹ /L	150-410
 Total WBC Count <small>(Method: Impedance)</small>	7.4	10 ⁹ /L	4.0-10.0

Differential Leucocyte Count (DC)

 Neutrophils <small>(Method: Cell Impedance)</small>	60	%	40-70
 Lymphocytes <small>(Method: Cell Impedance)</small>	30	%	20-40
 Monocytes <small>(Method: Microscopy)</small>	06	%	2-10
 Eosinophils <small>(Method: Microscopy)</small>	04	%	1-6
 Basophils <small>(Method: Microscopy)</small>	00	%	1-2
 Absolute Neutrophils Count <small>(Method: Impedance)</small>	4.44	10 ⁹ /L	2.0-7.0
 Absolute Lymphocyte Count <small>(Method: Impedance)</small>	2.22	10 ⁹ /L	1.0-3.0
 Absolute Monocyte Count <small>(Method: Calculated)</small>	0.44	10 ⁹ /L	0.2-1.0
 Absolute Eosinophils Count <small>(Method: Calculated)</small>	0.3	10 ⁹ /L	0.02-0.5
 Absolute Basophil ICount <small>(Method: Calculated)</small>	0.00	10 ⁹ /L	0.0-0.3

Morphology
(Method: PAPs Staining)

Normocytic normochromic with Adequate.

 Absolute Eosinophil Count <small>(Method: Cell counter/microscopy)</small>	260	cells/ μ L	20-500
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Comments :

Absolute eosinophil count is increased in allergic or atopic disease, infectious disorders (including parasites), medications, immunologic reactions, skin disorders, pulmonary syndromes, rheumatologic diseases, myeloproliferative neoplasms and secondary to other malignancies.



LABORATORY TEST REPORT

Name	: Mr. SAI KUMAR		
Sample ID	: A0788012		
Age/Gender	: 17 Years/Male	Reg. No	: 0312410280057
Referred by	: Dr. RAMYA REDDY	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-Oct-2024 07:29 PM
Primary Sample	: Whole Blood	Received On	: 28-Oct-2024 11:20 PM
Sample Tested In	: Serum	Reported On	: 29-Oct-2024 12:25 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
Total IgE (Method: CLIA)	247.0	IU/mL	Upto 378

Interpretation:

- Allergies are a common and chronic condition that involves the body's immune system. Normally, your immune system works to fight off viruses, bacteria, and other infectious agents. When you have an allergy, your immune system treats a harmless substance, like dust or pollen, as a threat. To fight this perceived threat, your immune system makes antibodies called immunoglobulin E (IgE).
- Substances that cause an allergic reaction are called allergens. Besides dust and pollen, other common allergens include animal dander, foods, including nuts and shellfish, and certain medicines, such as penicillin.
- Allergy symptoms can range from sneezing and a stuffy nose to a life-threatening complication called anaphylactic shock. Allergy blood tests measure the amount of IgE antibodies in the blood. A small amount of IgE antibodies is normal. A larger amount of IgE may mean you have an allergy.

*** End Of Report ***



Dr. Vaishnavi
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MD BIOCHEMISTRY

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