

Name :	DUMMY	Age :	25 Years
Lab No. :	Z032	Gender :	Male
Ref By :	DR. DUMMY DUMMY	Reported :	26/7/2024 6:17:08PM
Collected :	26/7/2024 6:14:00AM	Report Status :	Interim
A/c Status :	P	Processed at :	LPL-NATIONAL REFERENCE LAB
Collected at :	PRODUCTION TEST COLLECTION CENTRE		National Reference laboratory, Block E,
	SECTOR - 18, BLOCK-E ROHINI		Sector 18, Rohini, New Delhi -110085
	DELHI 110085		



Test Report

Test Name	Results	Units	Bio. Ref. Interval
ALLERGY HEALTH SCREEN			
ABSOLUTE EOSINOPHIL COUNT (AEC), WHOLE BLOOD (Electrical Impedance, VCS)		thou/mm3	0.02 - 0.50
IMMUNOGLOBULIN IgE, SERUM (FEIA)		kUA/L	<64.00

- Note:** 1. Normal levels of IgE do not rule out possibility of IgE dependent allergies as the diagnostic sensitivity of the test depends upon elapsed time between exposure to an allergen and testing, patient age and affected target organs.
2. No close correlation has been demonstrated between severity of allergic reaction and IgE levels.

Comments

Immunoglobulin E (IgE) is the most important trigger molecule for allergic information. The level of IgE is low during the first year of life, gradually increases with age and reaches adult levels after 10 years. As IgE is a mediator of allergic response, quantitative measurement can provide useful information for differential diagnosis of atopic and non-atopic disease. Patients with atopic diseases like Allergic asthma, Allergic rhinitis & Atopic dermatitis have moderately elevated IgE levels.

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

Uses

- Evaluation of children with strong family history of allergies and early clinical signs of disease
- Evaluation of children and adults suspected of having allergic respiratory disease to establish the diagnosis and define the allergens
- To confirm clinical expression of sensitivity to foods in patients with Anaphylactic sensitivity or with Asthma, Angioedema or Cutaneous disease
- To evaluate sensitivity to insect venom allergens particularly as an aid in defining venom specificity in those cases in which skin tests are equivocal
- To confirm the presence of IgE antibodies to certain occupational allergens

C-REACTIVE PROTEIN; CRP, SERUM (Immunoturbidimetry)		mg/L	<5.00
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Test Name	Results	Units	Bio. Ref. Interval
COMPLETE BLOOD COUNT;CBC			
Hemoglobin (Photometry)		g/dL	13.00 - 17.00
Packed Cell Volume (PCV) (Calculated)		%	40.00 - 50.00
RBC Count (Electrical impedance)		mill/mm3	4.50 - 5.50
MCV (Electrical impedance)		fL	83.00 - 101.00
Mentzer Index (Calculated)			
MCH (Calculated)		pg	27.00 - 32.00
MCHC (Calculated)		g/dL	31.50 - 34.50
Red Cell Distribution Width (RDW) (Electrical Impedence)		%	11.60 - 14.00
Total Leukocyte Count (TLC) (Electrical Impedence)		thou/mm3	4.00 - 10.00
Differential Leucocyte Count (DLC)			
Segmented Neutrophils (VCS Technology)		%	40.00 - 80.00
Lymphocytes (VCS Technology)		%	20.00 - 40.00
Monocytes (VCS Technology)		%	2.00 - 10.00
Eosinophils (VCS Technology)		%	1.00 - 6.00
Basophils (VCS Technology)		%	<2.00
Metamyelocytes (VCS Technology)		%	
Myelocytes (VCS Technology)		%	
Promyelocytes (VCS Technology)		%	
Blasts (VCS Technology)		%	
Absolute Leucocyte Count			



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Test Name	Results	Units	Bio. Ref. Interval
Neutrophils (Calculated)		thou/mm3	2.00 - 7.00
Lymphocytes (Calculated)		thou/mm3	1.00 - 3.00
Monocytes (Calculated)		thou/mm3	0.20 - 1.00
Eosinophils (Calculated)		thou/mm3	0.02 - 0.50
Basophils (Calculated)		thou/mm3	0.02 - 0.10
Others (Calculated)			
Platelet Count (Electrical impedance)		thou/mm3	150.00 - 410.00
Mean Platelet Volume (Electrical impedance)		fL	6.5 - 12.0

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 NRL - Dr Lal PathLabs Ltd

Result/s to follow:

ABSOLUTE EOSINOPHIL COUNT (AEC), WHOLE BLOOD, COMPLETE BLOOD COUNT; CBC, IMMUNOGLOBULIN IgE,
 SERUM, C-REACTIVE PROTEIN; CRP, SERUM



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<p align="center">IMPORTANT INSTRUCTIONS</p> <p> •Test results released pertain to the specimen submitted. •All test results are dependent on the quality of the sample received by the Laboratory. •Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician. •Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted. •Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting. •Test results may show interlaboratory variations. •The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s). •Test results are not valid for medico legal purposes. •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner/Doctor. •The report does not need physical signature. (#) Sample drawn from outside source. If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action. Tel: +91-11-49885050, Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com National Reference lab, Delhi, a CAP (7171001) Accredited, ISO 9001:2015 (FS60411) & ISO 27001:2013 (616691) Certified laboratory. </p>			

