Redcliffe labs

Allergy Panel

Cow Milk Allergy Test

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LABORATORY REPORT

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Patient Name	:	**Bill Date**	:
Age/Gender	:	**Sample Collected**	:
Patient ID/UHID	:	**Sample Received**	:
Referred By	:	**Report Date**	:
Sample Type	:	**Report Status**	:
Barcode No	:		

Test Name	Result	Unit	Ref. Interval
Total-IgE Method: ECLIA	8.3	IU/mL	0.0 - 100.0

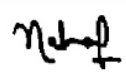
Clinical Significance:

The level of total IgE rises during childhood and reaches adult levels during the teens. IgE is the mediator of the allergic response. Patients with atopic disease, including allergic asthma, allergic rhinitis, and atopic dermatitis commonly have moderately elevated serum IgE levels. Total serum IgE levels may also be elevated in the presence of some clinical conditions that are not related to allergy. These clinical conditions include parasitic infections, immunodeficiency states, autoimmune diseases, Hodgkin's disease, bronchopulmonary aspergillosis, IgE myeloma, and Sezary syndrome.

Conditions of Reporting: All Lab results are subject to clinical interpretation by a qualified medical professional & This report is not subject to use for any medico-legal purpose.

Following Allergens (Abnormal Values) Require Special Attention and Precaution:

Image	Name	Value	Image	Name	Value	Image	Name	Value
	Cow Milk	**0.36**						



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Redcliffe Lifetech Private Limited, H-55, Sector-63, Noida, Uttar Pradesh, 201301

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Allergy Panel

Patient Name:	:	**Barcode No**	:
Age/Gender	:	**Lab No**	:

DAIRY

Image	Name	Value	Image	Name	Value	Image	Name	Value
	Cow Milk	**0.36**						

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Allergy Panel

Patient Name:	:	**Barcode No**	:
Age/Gender	:	**Lab No**	:

Biological Reference Interval

Method : ELISA

Concentration of IgE, IU/mL	Class	Level of the specific IgE
< 0.36	0	Clinically insignificant
0.36 - 0.71	1	Very Low
0.72 - 3.59	2	Low
3.60 - 17.99	3	Medium
18.00 - 49.99	4	High
50.00 -100	5	Very high
> 100	6	Extremely high

Interpretation

IgE takes part in occurrence and progress of allergic reactions. On binding allergens, these antibodies obtain an ability to initiate release of a range of vasoactive substances from leukocytes, which define development of allergic symptoms.Definition and quantitative measurement of free allergen-specific IgE concentration have a great importance for diagnosis of allergic diseases and selection of an adequate therapy. Assay results need to be correlated clinically

Limitation of the Test

The presence of a small amount of IgE antibody to allergen may give False positive results. Cross-reactivity of allergens may also result in false positive results. A person may contact the Allergen and experience no allergic reaction at all. Intake of Antihistaminic Drugs may result in false Negative results.
A negative result against antibiotics (penicillin G, penicillin V, cephalosporin, ampicillin and amoxicillin) doesn't exclude presence of a clinical hypersensitivity to these allergens. This result can be explained by initiation of the allergic reaction that takes place without participation of IgE antibodies or a wrong choice of blood sampling time (before the increase of specific IgE concentration in blood or after their concentration decreas-es). A negative result of specific IgE assay against food-borne allergens and bites of venomous insects doesn't exclude possibility of occurrence of allergy to these allergens. If concentration of total IgE in blood serum is higher than 1000 IU/mL,measured concentrations of allergen-specific IgE may be slightly lower than the real values. It should be noted that IgE specific to certain allergens can bind other allergens with the same structure (e.g. birch pollen, nuts, meadow grass, tomato, ambrosia and melon etc.). This can happen in case of common antigenic determinants in allergens of different nature. These facts should be taken into account when the assay results are evaluated.

Condition Of Reporting

- It is Presumed that specimen belongs to patient named or identified, such verification being carried out at the point of generation of said specimen
- A test might not be performed due to following reason
  - Specimen Quantity not sufficient (Inadequate collection/spillage during transit)
  - Specimen Quality not acceptable (Hemolysis/clotted/lipemic.)
  - Incorrect sample type
  - Test cancelled either on request of patient or doctor

  In any of the above case a fresh specimen will be required for testing and reporting
- The results of the tests may vary from lab to lab ; time to time for the same patient
- The reported results are dependent on individual assay methods, equipment, method sensitivity, specificity and quality of the specimen received
- Partial representation of report is not allowed
- The reported tests are for the notification of the referring doctor, only to assist him/her in the diagnosis and management of the patient
- If Sample collection date is not stated on test requisition form, the current date will be printed by default as the date of collection.
- Report with status "Preliminary" means one or more test are yet to be reported
- This report is not valid for Medico Legal Purpose
- Applicable Jurisdiction will be of "Delhi" for any dispute/claim concerning the test(s) & results of the test (s)

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Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.

2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.

4. This report shall not be deemed valid or admissible for any medico-legal purposes.

5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.