LABORATORY REPORT

Redcliffe labs

Patient Name	: **Mr MR.DUMMY**		
DOB/Age/Gender	: 23 Y/Male	Sample Collected	: Apr 26, 2024, 01:00 PM
Patient ID / UHID	: 8053390/RCL7248027	Report Date	: May 24, 2024, 10:51 AM.
Referred By	: Dr. X	Barcode No	: SI484223
Sample Type	: Serum	Report Status	: Final Report

Spinach Allergy Test

Test Description	Value(s)	Unit(s)	Reference Range
IMMUNOGLOBULIN IgE TOTAL SERUM *ECLIA*	12.2	IU/mL	0-100
Allergy Spinach *EIA*	**0.36**	IU/mL	<0.35

Interpretation:

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 leucocytes, 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.

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

LIMITATION OF THE TEST

A negative result against antibiotics (penicillin G, penicillin V, cephalosporin, ampenicillin 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 decrease). 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

*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.

Dr. Dummy

Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI

Processing Lab :-

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