

Name	: Mr. NITESH	Barcode No	: A2355826
Age /Gender	: 28 Y/M	Reg. No	: 0012207190043
Referring by	:	SPP Code	: SPL-DL-001
Referring Customer	:	Collected On	: 19-07-2022
Primary Sample	: Whole Blood	Received On	: 19-07-2022
Sample Tested In	: Serum	Reported On	: 21-07-2022

Test	Result	Units	Biological Ref.ranges	Method
Total IgE :	62.6	IU/mL	Age (Year)      IU/mL 0-1              1.4 - 52.3 1-4              0.4 - 351.6 5-9              0.5 - 393.0 10-15           1.9 - 170.0 Adult            0 - 378.0	CLIA

➤ Elevated Total IgE is observed in only 30% of patients with allergic rhinitis, 60% of patients with asthma and in 80 - 90% of patients with significant atopic eczema. It can also be elevated in 10 - 20% of patients with non-allergic rhinitis or non-allergic asthma, or other conditions such as allergic bronchopulmonary aspergillosis, some forms of immunodeficiency, neoplasia such as lymphoma, and parasitic disease. The measurement of Total IgE is the sum total of multiple individual allergen specific IgE levels.

➤ Atopic allergy implies a familial tendency to manifest conditions like Asthma, Rhinitis, Urticaria and Eczematous dermatitis either alone or in association with the presence of IgE.

*Meenal Garg*

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MBBS, MD

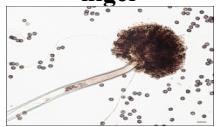
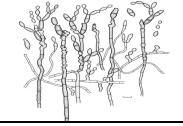
### ALLERGY INHALANTS REPORT

Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result
	0.22		0.24		0.21		0.19
	0.13		0.30		0.22		0.14
	0.26		0.22		0.15		0.24
	0.22		0.28		0.20		0.27
	0.22		0.14		0.30		0.30
	0.22		0.15		0.10		1.02
	0.21		0.26		0.22		0.22

Normal Range / Cut off for all allergens is : 0.35 U/L

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Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result
Beet weed	0.31	Common pigweed	0.15	False ragweed	0.26	Mugwort	0.25
							
Ox eye daisy, Marguerite	0.11	Red clover grass	0.26	Western ragweed	0.16	Timothy	1.00
							
Jhonson grass	0.22	Alternaria alternata	0.24	Aspergillus fumigatus	0.20	Aspergillus niger	0.15
							
Candida albicans	0.20	Cladosporium herbarum	0.19	Mucor racemosus	0.15	Penicillium notatum	0.22
							
Trichoderma viride	0.20	Cockroach	0.18	Ant	0.30	Honey Bee	0.11
							
House Fly	0.26	Wasp	0.14	Moth	0.30	House Cricket	0.11
							
Body lotions	0.26	Deodorant	0.14	Hair Dye	0.26	Lip stick	0.30
Nail Polish	0.10	Perfume	0.15	Powder	0.11	Shampoo	0.26
Soap	0.14	Sun Creams	0.26	Latex	0.20	Paints	0.13
Papain	0.15	Plaster of Paris	0.11	Plastic	0.20	Silk	0.22
Smoke	0.19	Alcohol	0.22	Ash	0.14	Bone Cement	0.30
Detergent	0.15	Leather	0.25	Limestone	0.22	Nickel	0.15
Nylon fibers	0.26	Polyster	0.17	Sulfer	0.20	Wool mix	0.26
Yarn fibre	0.30	Cotton seed	0.20				

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### **Method: ELISA**

False positives occur in the following scenarios:

- *You have a small amount of IgE antibody to allergen but are not truly allergic to that. You can contact the allergen and experience absolutely no reaction to it.*

### **Interpretation**

- 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.

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