

Name	: Mrs. MEGHANA BORA	Barcode No	: 24912097
Age /Gender	: 40 YRS/Female	Reg. No	: 0662310150018
Referring by	:	SPP Code	: SPL-PU-026
Referring Customer	:	Collected On	: 16-10-2023
Primary Sample	: Whole Blood	Received On	: 16-10-2023
Sample Tested In	: Serum	Reported On	: 17-10-2023

Test	Result	Units	Biological Ref.ranges		Method
Total IgE :	307.9	IU/mL	Age (Year)	IU/mL	CLIA
			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	

- 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.

ALLERGY FOOD (VEG) REPORT

Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result
Bitter Guard 	0.15	Sweet potato 	0.26	Mango 	0.26	Butter 	0.18
Brinjal 	0.21	Tomato 	0.25	Melon 	0.26	Cooked milk 	13
Broccoli 	0.29	White bean 	13	Papaya 	13	Curd 	0.17
Cabbage 	0.24	Apple 	0.19	Pear 	0.22	Ghee 	0.26
Carrot 	0.17	Apricot 	0.26	Orange 	0.24	Goat milk 	0.26
Coriander 	13	Avocado 	0.19	Straw Berry 	0.14	Milk 	0.24
Cucumber 	0.16	Banana 	0.26	Almond 	0.29	Milk powder 	0.25
Onion 	0.17	Grape 	0.19	Cashew nut 	0.26	Chana Dal 	0.22

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

ALLERGY FOOD (VEG) REPORT

Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result
Potato 	0.27	Guava 	0.20	Ground Nut 	0.29	Moong Dal 	0.19
Pumpkin 	0.26	Kiwi 	0.21	Hazel Nut 	13	Rajma Dal 	0.28
Spinach 	0.15	Lemon 	0.22	Wal nut 	13	Toor Dal 	0.22
Barley 	0.19	Maize 	0.25	Oats 	0.12	Rice 	0.26
Rye 	0.14	Wheat 	0.26	Black Pepper 	0.19	Cardamom 	0.24
Cinnamon 	0.28	Cloves 	0.17	Garlic 	0.32	Zinger 	0.26
Coconut 	13	Coffee 	0.21	Green tea 	0.26	Honey 	0.33
Tea 	0.22	Tobacco 	0.19	Vanilla 	0.33	Yeast 	0.26
Sugar 	0.19	TaroRoot 	0.21	Salt 	0.26	Coffee 	0.26

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ALLERGY FOOD (NON-VEG) REPORT							
Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result
Beef 	0.22	Beef liver 	0.17	Crab 	0.22	Cuttlefish 	0.33
Duck meat 	0.25	Egg white 	0.21	Fish (Cod) 	0.17	Haddock fish 	0.22
Lobster 	0.27	Mutton 	13	Pork 	0.22	Rabbit meat 	0.20
Salmon fish 	0.27	Sardine fish 	0.19	Shrimp 	0.20	Tuna fish 	13
Turkey 	0.20	Whole egg 	0.24	Chicken 	0.19	Quail meat 	0.19

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ALLERGY INHALANTS REPORT

Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result
Blomia tropicalis 	0.21	Dermatophagoide s microceras 	0.12	Dermatophagoides farinae 	0.26	Dermatophagoides pteronyssinus 	0.22
Cat dander 	0.17	Chicken feathers 	0.19	Cow dander 	0.22	Dog dander 	0.17
Duck feathers 	0.26	Finch feathers 	0.22	Goat Dander 	0.19	Horse Dandruff 	13
Guinea pig dandruff 	0.22	Parrot feathers 	0.28	Pigeon droppings 	0.20	Pigeon feathers 	0.27
Sweet vernal grass 	0.22	Barley grass 	0.17	Cocksfoot 	0.19	Common reed 	0.19
Cultivated oat 	0.22	Maize grass 	0.15	Ryegrass 	13	Cotton Dust 	0.31
House dust 	0.17	Jute Dust 	0.26	Rice dust 	0.22	Straw Dust 	0.22

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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 	0.19	False ragweed 	0.26	Mugwort 	0.25
Ox eye daisy, Marguerite 	0.26	Red clover grass 	0.26	Western ragweed 	0.17	Timothy 	13
Jhonson grass 	0.22	Alternaria alternata 	13	Aspergillus fumigatus 	0.20	Aspergillus niger 	0.19
Candida albicans 	0.20	Cladosporium herbarum 	0.19	Mucor racemosus 	0.19	Penicillium notatum 	0.22
Trichoderma viride 	0.20	Cockroach 	0.18	Ant 	0.19	Honey Bee 	0.26
House Fly 	0.26	Wasp 	0.17	Moth 	0.19	House Cricket 	0.26
Body lotions	0.26	Deodorant	0.17	Hair Dye	0.26	Lip stick	0.19
Nail Polish	13	Perfume	0.19	Powder	0.26	Shampoo	0.26
Soap	0.17	Sun Creams	0.26	Latex	0.20	Paints	0.17
Papain	0.19	Plaster of Paris	0.26	Plastic	0.20	Silk	0.22
Smoke	0.19	Alcohol	0.22	Ash	0.17	Bone Cement	0.19
Detergent	0.19	Leather	0.25	Limestone	0.22	Nickel	0.19
Nylon fibers	0.26	Polyster	0.17	Sulfer	0.20	Wool mix	0.26
Yarn fibre	0.19	Cotton seed	0.20				

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ALLERGY DRUGS REPORT

Drugs	Result	Drugs	Result	Drugs	Result	Drugs	Result
Penicillium G 	0.15	Succinylcholine 	0.15	Erythromycin 	0.28	Paracetamol 	0.25
Ampicillin 	0.30	Brufen 	0.08	Amoxicillin 	0.18	Ciprofloxacin 	0.25
Analgin 	0.08	Levofloxacin 	0.09	Human Insulin 	0.08	Cephalosporin C 	0.20
Norfloxacin 	0.09	Chloroquine 	0.26	Dexamethasone 	0.09	Metamizol 	0.21
Streptomycin 	0.08	Tetracycline 	0.15	Trimethoprim 	0.08	Ofloxacin 	0.08
Cephalexin 	0.08	Aspirin 	0.25	Sulpha Sulfa Drug List 	0.15	Tetanus Toxoid 	0.17

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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 be 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.