

INV. No. LIPL-INV-H-220/2025(111398)
Patient Name **Sample Report**
Age/Gen 36 Years | Male
Referred By
Source HOIP

PatientID 7637
Sample Drawn 23/08/2025 11:50 AM
Sample Received 23/08/2025 01:33 PM
Report Generated 25/08/2025 06:08 PM



SERUM IMMUNOGLOBULIN - E (IgE) Level

Investigation
Serum, Total IgE:

Result
19.4 IU/mL

Biological Reference Interval

Infants below 1 year <15 IU/mL
Children (1-5 years of age) <60 IU/mL
Children (6-9 years of age) <90 IU/mL
Children (10-15 years of age) <200 IU/mL
Adults <100 IU/mL

Method : Serum, Latex Immunoturbidimetry

INTERPRETATION : Serum Total IgE

- Immunoglobulin E (IgE) is an antibody produced by the immune system to fight allergens.
- Elevated levels of IgE suggest that the individual may have an allergic sensitization.
- Total IgE levels can be raised in various allergic conditions, such as asthma, eczema, allergic rhinitis, food allergies, or parasitic infections.
- Interpretation should always be done in conjunction with the patients clinical symptoms and medical history.
- Total IgE is not diagnostic of a specific allergy. For identifying the responsible allergen(s), specific IgE testing is recommended.
- Normal IgE levels do not rule out allergy, especially if the allergy is non-IgE mediated.
- Antihistamines and steroids usually do not affect total IgE, but lab and biological variability should be considered.



~~End Of Report~~

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NOTE: The test was conducted and reported by LabEasy India Pvt. Ltd., Mumbai (CPL Unit).

Dr. Nipa Dhorda, MD (Path)
Consultant Pathologist
Reg. No. : 91821

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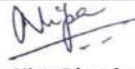
SERUM, ALLERGY SCREENING TEST-ELISA(Specific IgE)

Biological Reference Interval
< 0.35 IU/mL - NOT DETECTED
0.36 - 1.0 IU/mL - LOW
1.1 - 5.0 IU/mL - MODERATE
5.1 - 25.0 IU/mL - HIGH
25.1 - 100 IU/mL - VERY HIGH

FOOD - VEG			
FRUITS			
Test	Result	Test	Result
APPLE	<0.35	MANGO	<0.35
APRICOT	<0.35	MELON	<0.35
AVOCADO	<0.35	ORANGE	<0.35
BANANA	<0.35	PAPAYA	<0.35
BLUEBERRY	<0.35	PEACH	<0.35
GOOSEBERRY (AMLA)	<0.35	PEAR	<0.35
GRAPE	<0.35	PINEAPPLE	<0.35
GUAVA	<0.35	POMEGRANATE	<0.35
KIWI	<0.35	STRAWBERRY	<0.35
LYCHEE	<0.35	WATERMELON	<0.35
VEGETABLES			
BEETROOT	<0.35	LEMON	<0.35
BRINJAL	<0.35	LETTUCE	<0.35
BROCCOLI	<0.35	OLIVE	<0.35
CABBAGE	<0.35	ONION	<0.35
CAPSICUM	<0.35	PEA	<0.35
CARROT	<0.35	POTATO	<0.35
CAULIFLOWER	<0.35	PUMPKIN	<0.35
CUCUMBER	<0.35	SWEET POTATO	<0.35
GARLIC	<0.35	SPINACH	<0.35
GINGER	<0.35	TOMATO	<0.35
SEEDS & LEGUMES			
BARLEY	<0.35	RAWA (SEMOLINA)	<0.35
BENGAL GRAM (CHICKPEA)	0.36	RICE	<0.35
COMMON MILLET	<0.35	RYE	<0.35
COTTON SEED	<0.35	SESAME SEED	<0.35
FLAX SEED	<0.35	SOYABEAN	<0.35
LENTIL	<0.35	SUNFLOWER SEED	<0.35
MAIZE	<0.35	WHEAT	<0.35
OATS	<0.35		
SPICES & CONDIMENTS			
ANISE	<0.35	CURRY LEAF	<0.35
BASIL	<0.35	FENNEL SEED	<0.35

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BAY LEAVES	<0.35	MINT	<0.35
BLACK PEPPER	<0.35	MUSTARD	<0.35
CARDAMOM	<0.35	NUTMEG	<0.35
CHILLI PEPPER	<0.35	OREGANO	<0.35
CINNAMON	<0.35	SAFFRON	<0.35
CLOVE	<0.35	TURMERIC	<0.35
CORIANDER	<0.35	VANILLA	<0.35
DRYFRUITS & NUTS			
ALMOND	<0.35	HAZELNUT	<0.35
CASHEWNUT	<0.35	PEANUT	<0.35
COCONUT	<0.35	PISTA	<0.35
DATES	<0.35	RAISIN	<0.35
FIG	<0.35	WALNUT	<0.35
MISCELLANEOUS			
CHOCOLATE	<0.35	MALT	<0.35
COCOA	<0.35	MUSHROOM	<0.35
COFFEE	<0.35	TEA	<0.35
GLUTEN	<0.35	TOFU (BEAN CURD)	<0.35
HONEY	<0.35	YEAST	0.39
DAIRY PRODUCTS			
ALPHA LACTALBUMIN	<0.35	CURD	<0.35
BETA LACTOGLOBULIN	<0.35	MILK	<0.35
CASEIN	<0.35	WHEY	<0.35
CHEESE (CHEDDAR)	<0.35	YOGURT	<0.35
FOOD - NON VEG			
MEAT & POULTRY			
Test	Result	Test	Result
BEEF	<0.35	MUTTON	<0.35
CHICKEN	<0.35	PORK	<0.35
EGG	<0.35		
SEAFOOD			
CRAB	<0.35	SALMON	<0.35
FISH	<0.35	SHRIMP	<0.35
PRAWN	<0.35	TUNA	<0.35
INHALANTS			
GRASSES			
Test	Result	Test	Result
BAHIA GRASS	<0.35	JOHNSON GRASS	<0.35
BARLEY	<0.35	MAIZE	<0.35
BERMUDA GRASS	<0.35	MEADOW GRASS	<0.35
BROME GRASS	<0.35	RYE GRASS	<0.35
COCKSFOOT	<0.35	SWEET VERNAL GRASS	<0.35

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COMMON WHEAT	<0.35	TIMOTHY GRASS	<0.35
CULTIVATED OAT	<0.35	VELVET GRASS	<0.35
CULTIVATED RYE	<0.35		
TREES			
ACACIA	<0.35	GRAY ALDER	<0.35
ASHLEAF ELDER	<0.35	OLIVE	<0.35
ELM	<0.35	PROSOPIS JULIFLORA	<0.35
WEEDS			
COMMON NETTLE	<0.35	MUGWORT	<0.35
COMMON PIGWEED	<0.35	RAPE	<0.35
COMMON RAGWEED	<0.35	SUNFLOWER	<0.35
FALSE RAGWEED	<0.35	TULIP	<0.35
GOLDEN ROD	<0.35		
MOULDS(FUNGI)			
ALTERNARIA ALTERNATA	<0.35	CLADOSPORIUM HERBARUM	<0.35
ASPERGILLUS FUMIGATUS	<0.35	MUCOR MUCEDO	<0.35
ASPERGILLUS NIGER	<0.35	PENICILLIUM NOTATUM	<0.35
CANDIDA ALBICANS	<0.35	PHOMA BETAE	<0.35
INSECTS			
COCKROACH	<0.35	HOUSE FLY	<0.35
COMMON WASP	<0.35	MOSQUITOES	<0.35
HONEYBEE	<0.35	MOTH (HETEROCERA MIX)	<0.35
DUST & MITES			
ACARUS SIRO	<0.35	HOUSE DUST MITE (DERMATOPHAGOIDES PTERONYSSINUS)	<0.35
BOOKS DUST	<0.35	HOUSE DUST MITE (DERMATOPHAGOIDES FARINAE)	<0.35
HAY DUST	<0.35	STORAGE MITE (GLYCYPHAGUS DOMESTICUS)	0.47
HOUSE DUST (GREER LABS)	0.51	TOBACCO DUST	<0.35
ANIMALS			
CAT DANDER	<0.35	EPITH.+SERUM-URINE PROT. MOUSE	<0.35
CAT EPITHELIUM	<0.35	GOAT EPITHELIUM	<0.35
CHICKEN DROPPINGS	<0.35	HORSE DANDER	<0.35
CHICKEN FEATHERS	<0.35	PARROT FEATHER	<0.35
COW DANDER	<0.35	PIGEON DROPPINGS	0.38
DOG DANDER	<0.35	PIGEON FEATHER	<0.35
DOG EPITHELIUM	<0.35		
OCCUPATIONAL			
AMARANTH DYE	<0.35	SHEEP WOOL	<0.35
COTTON LINTERS	<0.35	SILK	<0.35
HENNA	<0.35	SORBIC ACID	<0.35
JUTE	<0.35	TARTAZINE	<0.35
LATEX	<0.35		

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DRUGS			
DRUGS			
Test	Result	Test	Result
ACTH	<0.35	INSULIN HUMAN	<0.35
AMOXYCILLIN	<0.35	LIDOCAINE	<0.35
AMPICILLIN	<0.35	METRONIDAZOLE	<0.35
ASPIRIN	<0.35	NORFLOXACIN	<0.35
AZITHROMYCIN	<0.35	OFLOXACIN	<0.35
CEPHALOSPORIN	<0.35	PARACETAMOL	<0.35
CHLORAMPHENICOL	<0.35	PENICILLOYL G	<0.35
CIPROFLOXACIN	<0.35	PENICILLOYL V	<0.35
DICLOFENAC	<0.35	PHENYLBUTAZONE	<0.35
ERYTHROMYCIN	<0.35	PREDNISOLONE	<0.35
GELATIN	<0.35	PYRAZOLONE	<0.35
GENTAMYCIN	<0.35	STREPTOMYCIN	<0.35
IBUPROFEN	<0.35	SULFAMETHOXAZOLE	<0.35
INSULIN BOVINE	<0.35	TETRACYCLINE	<0.35

INTERPRETATION - SPECIFIC IgE (Allergy Screening Panel)

- Allergen-specific IgE testing detects IgE antibodies produced in response to exposure to environmental or food allergens.
- Elevated levels indicate sensitization, which may correlate with allergic symptoms like sneezing, itching, rashes, wheezing, or digestive issues.
- Moderate to Very High levels suggest significant allergic reactivity and should be clinically evaluated.
- Low-level reactivity may signal early sensitivity, even if asymptomatic.
- Negative results do not rule out non-IgE mediated allergy or intolerance.
- Positive results must be interpreted along with the patients symptoms and history.
- The panel includes common allergens; exposure to other allergens may still cause symptoms.
- Antihistamines or steroids may suppress IgE levels, leading to false negatives.
- All results should be interpreted by a clinician with full clinical correlation.

IMPORTANT - Drug Allergy Disclaimer

- A drug allergy is an allergy caused by medication.
- A pseudo allergic or anaphylactoid reaction looks like an allergic drug reaction, but may not be An actual allergy. Drugs contain many different substances like dyes, chemicals which can cause Allergy-like reactions, but may be drug intolerance or hypersensitivity.
- True drug allergy test is ige mediated. It does not occur on the first exposure. On re-exposure, the Body may react with antibody and memory cell activation.
- A drug allergy is more likely to develop with large dose and extended exposure. Studies show only 5% to 10% of these reactions are true allergies.

NOTE - Report Limitations & Advisory

- The results are specific to the sample tested and may vary due to technical limitations.
- Correlation with clinical findings and additional investigations should be carried out.
- Normal IgE levels may not rule out the possibility of allergy because some allergies are not IgE-mediated.
- A negative test result does not rule out a clinical diagnosis of allergies.
- Allergy panels only contain common allergens and do not include all possible allergens.
- Small quantities of IgE may result in false positives.
- Antihistamines may result in false negatives.
- All results should be interpreted in relation to the individual case history.

~~~~~ End of report ~~~~~

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