

Dr. Vinay Chopra
MD (Pathology & Microbiology)
Chairman & Consultant Pathologist

Dr. Yugam Chopra
MD (Pathology)
CEO & Consultant Pathologist

NAME : Mrs. VAISHALI
AGE/ GENDER : 26 YRS/FEMALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : A0465705
CLIENT CODE. : KOS DIAGNOSTIC SHAHBAD
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1638864
REG. NO./LAB NO. : 042410090003
REGISTRATION DATE : 09/Oct/2024 12:46 PM
COLLECTION DATE : 09/Oct/2024 03:16PM
REPORTING DATE : 11/Oct/2024 04:52PM

Test Name	Value	Unit	Biological Reference interval
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ALLERGY/IMMUNOPATHOLOGY
ALLERGY PANEL FOOD VEG: 96 ALLERGENS

IMMUNOGLOBIN-E (IgE): SERUM by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	736.68^H	IU/mL	0.00 - 100.00
FOOD VEG			
AJINOMOTO/ MONO SODIUM GLUTAMATE	0.11	IU/mL	0.00 - 0.35
ALMOND	0.27	IU/mL	0.00 - 0.35
APPLES	0.19	IU/mL	0.00 - 0.35
ARECA NUT	0.91^H	IU/mL	0.00 - 0.35
BAJRA	0.14	IU/mL	0.00 - 0.35
BANGAL GRAM	0.19	IU/mL	0.00 - 0.35
BANANA	0.16	IU/mL	0.00 - 0.35
BARLEY	0.13	IU/mL	0.00 - 0.35
BASIL	0.21	IU/mL	0.00 - 0.35
ALPHA-LACTOALBUMIN	0.24	IU/mL	0.00 - 0.35
BETA-LACTOALBUMIN	0.27	IU/mL	0.00 - 0.35
BOVINE SERUM ALBUMIN	0.29	IU/mL	0.00 - 0.35
BREWERS YEAST	1.23^H	IU/mL	0.00 - 0.35
BRINJAL	0.12	IU/mL	0.00 - 0.35
CABBAGE	0.15	IU/mL	0.00 - 0.35
CARDAMON	0.18	IU/mL	0.00 - 0.35
CARROT	0.25	IU/mL	0.00 - 0.35
CASEIN	0.28	IU/mL	0.00 - 0.35
CASHEW NUT	0.22	IU/mL	0.00 - 0.35
CAULIFLOWER	0.24	IU/mL	0.00 - 0.35
CELERY	1.27^H	IU/mL	0.00 - 0.35
CHEEKU	0.29	IU/mL	0.00 - 0.35
CHEESE	1.26^H	IU/mL	0.00 - 0.35
CHERRY	0.23	IU/mL	0.00 - 0.35
CHILLY	0.14	IU/mL	0.00 - 0.35
CHOCOLATE	0.11	IU/mL	0.00 - 0.35
CINNAMON	0.18	IU/mL	0.00 - 0.35
CLOVE	1.16^H	IU/mL	0.00 - 0.35
COCONUT	0.13	IU/mL	0.00 - 0.35



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COFFEE	0.21	IU/mL	0.00 - 0.35
CORIENDER	0.24	IU/mL	0.00 - 0.35
CORN/MAIZE	2.27^H	IU/mL	0.00 - 0.35
COTTON SEED	0.29	IU/mL	0.00 - 0.35
CUCUMBER	0.26	IU/mL	0.00 - 0.35
CUMIN	0.23	IU/mL	0.00 - 0.35
CURD	0.12	IU/mL	0.00 - 0.35
DAL ARHAR	0.16	IU/mL	0.00 - 0.35
DAL MASOOR	0.21	IU/mL	0.00 - 0.35
DAL MOONG	0.27	IU/mL	0.00 - 0.35
DAL MOTH	0.25	IU/mL	0.00 - 0.35
DAL URAD	0.29	IU/mL	0.00 - 0.35
DATES	0.23	IU/mL	0.00 - 0.35
DRUMSTICK	0.14	IU/mL	0.00 - 0.35
EGG WHITE	0.11	IU/mL	0.00 - 0.35
EGG YOLK	0.18	IU/mL	0.00 - 0.35
FERMENTED FOOD	2.16^H	IU/mL	0.00 - 0.35
GARLIC	0.13	IU/mL	0.00 - 0.35
GELATIN	0.21	IU/mL	0.00 - 0.35
GLUTEN	0.27	IU/mL	0.00 - 0.35
GINGER	0.29	IU/mL	0.00 - 0.35
GRAPES	0.23	IU/mL	0.00 - 0.35
GRAPEFRUITS	0.14	IU/mL	0.00 - 0.35
GREEN BEANS	0.11	IU/mL	0.00 - 0.35
GUAR GUM	0.25	IU/mL	0.00 - 0.35
GUM ACASIA	0.28	IU/mL	0.00 - 0.35
HAZEL NUT	2.21^H	IU/mL	0.00 - 0.35
KABULI CHANA	0.24	IU/mL	0.00 - 0.35
KATTHA	0.27	IU/mL	0.00 - 0.35
KIWI	0.29	IU/mL	0.00 - 0.35
LADY FINGER	0.26	IU/mL	0.00 - 0.35
LEMON	0.23	IU/mL	0.00 - 0.35
LENTILS	0.13	IU/mL	0.00 - 0.35
LETTUCE	0.21	IU/mL	0.00 - 0.35
MANGO	0.14	IU/mL	0.00 - 0.35
MELON	0.11	IU/mL	0.00 - 0.35





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MILK/ MILK POWDER/MILK PRODUCTS	2.91 ^H	IU/mL	0.00 - 0.35
MUSHROOMS	1.16 ^H	IU/mL	0.00 - 0.35
MUSTARD	0.13	IU/mL	0.00 - 0.35
OAT	0.25	IU/mL	0.00 - 0.35
ONIONS	0.28	IU/mL	0.00 - 0.35
ORANGE	0.22	IU/mL	0.00 - 0.35
PAPAYA	0.24	IU/mL	0.00 - 0.35
PEACH	0.27	IU/mL	0.00 - 0.35
PEANUT/GROUND NUT	2.29 ^H	IU/mL	0.00 - 0.35
PEAS	0.14	IU/mL	0.00 - 0.35
PEPPER (RED/BLACK)	0.18	IU/mL	0.00 - 0.35
PINEAPPLE	0.16	IU/mL	0.00 - 0.35
PISTA	0.13	IU/mL	0.00 - 0.35
POTATO	3.21 ^H	IU/mL	0.00 - 0.35
RAISIN	0.27	IU/mL	0.00 - 0.35
RAJMA	3.14 ^H	IU/mL	0.00 - 0.35
RICE	3.18 ^H	IU/mL	0.00 - 0.35
SAUNF	0.16	IU/mL	0.00 - 0.35
SEASAME SEED	0.13	IU/mL	0.00 - 0.35
SOYA BEANS	3.21 ^H	IU/mL	0.00 - 0.35
SPINACH	0.27	IU/mL	0.00 - 0.35
STRAWBERRY	0.29	IU/mL	0.00 - 0.35
TAMARIND	0.23	IU/mL	0.00 - 0.35
TEA	0.14	IU/mL	0.00 - 0.35
TOMATOES	0.19	IU/mL	0.00 - 0.35
TURMERIC	0.13	IU/mL	0.00 - 0.35
VINEGAR	0.21	IU/mL	0.00 - 0.35
WALNUT	0.27	IU/mL	0.00 - 0.35
WHEAT FLOUR	3.29 ^H	IU/mL	0.00 - 0.35
WHITEBEAN	0.23	IU/mL	0.00 - 0.35
YEAST	0.12	IU/mL	0.00 - 0.35

NOTE 3 PATIENT EXHIBIT LOTS OF POTENTIAL CROSS REACTIVITY BETWEEN VARIOUS ALLERGENS.
 CLINICAL HISTORY IS MANDATORY.
ADVICE KINDLY CORRELATE CLINICALLY

INTERPRETATION:

RAST CLASS	CONCENTRATION (IU/ml)	IMPRESSION
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Test Name	Value	Unit	Biological Reference interval
0	< 0.35	NOT DETECTABLE	
1	0.35 – 0.70	LOW	
2	0.70 – 3.50	MODERATE	
3	3.50 – 17.50	CLEARLY POSITIVE	
4	17.50 – 50.00	STRONGLY POSITIVE	
5	50.00 – 100.00	VERY STRONG POSITIVE	
6	> 100	EXTREMELY POSITIVE	

The Worldwide frequency of allergies has increased significantly over the past decades. The term allergy is used for TYPE 1 HYPERSENSITIVITY REACTIONS (IMMEDIATE TYPE REACTIONS). Symptoms generally occur 30-60 mins after contact with allergen.

SYMPTOMS ARE:

- 1.HAY FEVER (RHINITIS)
- 2.CONJUNCTIVITIS
- 3.HIVES (URTICARIA)
- 4.ALLERGIC ASTHAMA
- 5.ANAPHYLACTIC SHOCK (MOST DANGEROUS)

The allergens causing Type 1 hypersensitivity reactions are mostly protein derived from the natural environment e.g. Plant pollens, animal,hair,food ,mites and insect venom. The characteristics of type 1 allergies is the environment of allergen specific immunoglobins (antibodies) of class E (IgE). Hence the detection of IgE is an important tool of modern allergy diagnostics.

IMPORTANT NOTE FOR DRUG ALLERGY:

- 1.A DRUG ALLERGY IS AN ALLERGY CAUSED BY MEDICATION.
- 2.A PSEUDO ALLERGIC OR ANAPHALACTIOD REACTION, LOOKS LIKE AN ALLERGY DRUG REACTION, BUT IT MAY NOT BE ALLERGY. DRUG CONTAINS MANY DIFFERENT SUBSTANCES LIKE DYES, CHEMICALS WHICH CAN CAUSE ALLERGY LIKE REACTIONS. BUT IT MAY BE DRUG INTOLERANCE OR HYPERSENSITIVITY.
- 3.TRUE DRUG ALLERGY TEST IS IgE MEDIATED REACTION, IT DOES NOT HAPPEN THE FIRST TIME YOU TAKE A MEDICATION, MUCH MORE LIKELY TO OCCUR AFTER YOUR BODY HAS BEEN EXPOSED TO THE MEDICATION AT LEAST ONCE OR MORE, THE FIRST EXPOSURE ALLOWS BODY TO CREATE ANTIBODY AND MEMORY LYMPHOCYTE CELLS FOR THE ANTIGEN.
- 4.A DRUG ALLERGY IS MORE LIKELY TO DEVELOP WITH LARGE DOSES AND EXTENDED DOSES, STUDY SHOWS THAT ONLY 5% TO 10 % OF THESE REACTIONS ARE DUE TO ALLERGY DUE TO MEDICATION.

TECHNOLOGY/METHOD: FOR IN VITRO DIAGNOSIS. THIS IS AN ENZYME IMMUNOASSAY (EIA) ON A NITRO-CELLULOSE MEMBRANE (ENZYME IMMUNOBLOT) FOR THE QUANTITATIVE DETERMINATION OF ALLSTANDARDS*ERGEN SPECIFIC IgE ANTIBODIES IN HUMAN SERUM OR PLASMA.

QUALITY CONTROL:5 STANDARDS*

*** End Of Report ***




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