

PT NAME: NAVNEET KAUR	Gender : Female (Age : 12 Year)	Reg. No: 159057 Barcode: 171804240010
Ref. By Dr.: SELF	Sample Received On: 24-04-2018	Registered On: 24-04-2018
Lab/Hpl.: SHIV SHAKTI PATIENT CARE	Sample: SERUM	Reported on: 25-04-2018

ALLERGY SCREENING TESTS (BY IMMUNO - EIA)

TEST	RESULT	NORMALS	
		AGE	IgE Level
IgE	>3200.00 KU/L	<5 Years	5 - 25 KU/L
		5 - 10 Years	20-50 KU/L
		>10 Years	20-100 KU/L
	Normal For All Allergens is	<than 0.35 U/L	

ALLERGEN DETECTED



FOOD VEG:	LACTOGLOBULIN, RICE, PEANUT, MILK, CASEIN, CHEESE, MELON, APPLE, COCOA, CURD, TEA, WHEAT FLOUR
FOOD NON VEG:	NIL
INHALANTS:	NIL
CONTACTS:	NIL
DRUGS:	NIL

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FOOD (VEG)

ALLERGEN	हिन्दी नाम	VALUE	ALLERGEN	हिन्दी नाम	VALUE
ALMOND	बादाम 	0.02	ARECANUT	सुपारी 	0.13
BARLEY	जौ 	0.21	CABBAGE	पता गोभी 	0.22
CARROT	गाजर 	0.33	CHEESE	पनीर  +	0.60
CLOVE	लौंग 	0.22	COFFEE	काँफ़ी 	0.33
CUCUMBER	खैरा 	0.02	DAL ARHAR	दाल अरहर 	0.33
DAL MOONG	दाल मूंग 	0.14	DATES	खजूर 	0.22
GARLIC	लहसुन 	0.31	GROUNDNUT	मूंगफली  ++	1.43
JAGGERY	गुड़ 	0.21	LADY S FINGER	भिंडी 	0.33
MANGO	आम 	0.14	MSG (AJINOMOTO)	अजीनोमोटो 	0.22
NUTMEG	जायफल 	0.33	ORANGE	संतरा 	0.11
PINEAPPLE	अनानास 	0.22	RADISH	मूली 	0.33
SESAME	तिल 	0.15	SQUASH	कुम्हड़ा 	0.29
SUNFLOWER	सूरजमुखी 	0.03	TOBACCO	तम्बाकू 	0.34
TURMERIC	gYnh 	0.15	WHEAT FLOUR	 ++	2.70
ANISEED	सोफ़े 	0.16	BAJARI	बजरी 	0.22
BLACK PEPPER	कालीमिर्च 	0.18	CAPSICUM	शिमलामिर्च 	0.01
CASHEWNUT	काजू 	0.22	CHILLY	मिर्च 	0.33
COCOA	कोको  +	0.50	CORIANDER	धिन्ना 	0.22










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CUMMIN	जौरा		0.14	DAL CHANA	दाल चना		0.22
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FOOD (Veg)

ALLERGEN	हिन्दी नाम	VALUE	ALLERGEN	हिन्दी नाम	VALUE
DAL RAJMA	दाल राजमा	0.02	EGGS	अंडे	0.33
GINGER	अदरक	 0.21	GUVAVA	अमरूद	 0.23
KATHA	कत्ते	 0.23	LEMON	निंबू	 0.33
MELON	खरबूज	 + 1.00	MUSHROOM	मशरूम	 0.23
OAT	जई	 0.31	PAPAYA	पपीता	 0.01
PISTA.	पिस्ता	0.25	RICE	चावल	 ++ 3.10
SOYABEAN	सोयाबीन	 0.01	STRAW BERRY	झरबेर	 0.23
TAMARIND	इमली	 0.30	TOMATOES	टमाटर	 0.15
VINEGAR	सिरका	 0.26	YEAST	खमीर	 0.33
APPLE	सेब	 + 0.40	BANANA	के ला	 0.31
BRINJAL	बेंगन	0.16	CADIMUM	इलायची	0.02
CAULIFLOWER	फू लगेभो	 0.33	CINNAMON	दालचीनी	 0.35
COCONUT	नारियल	 0.01	COTTON SEED	बिनोला	 0.14
CURD	दही	 + 0.50	DAL MASOOR	दाल मसूर	 0.33
DAL URAD	दाल उड़द	 0.15	FENUGREEK	मेथी	 0.21
GRAPES	अंगूर	0.33	HONEY	शहद	0.31
LACTOGLOBULIN	लैक्टोग्लोब्युलिन	 ++ 1.00	MAIZE	मक्का	 0.01

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MILK	दूध		+	0.60	MUSTARD	सरसों		0.33
ONION	प्याज			0.01	PEAS	मटर		0.33
POTATO	आलू			0.14	SALT	नमक		0.33
SPINACH	पालक			0.14	SUGAR	चीनी		0.33
TEA	चाय		+	0.40	TOOR DAL	तूर दाल		0.02
WALNUT	अखरोट			0.33				
CASEIN			+	0.45				



Dr. YUGAM CHOPRA
MBBS,MD (Consultant Pathologist)

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INTERPRETATION:

RAST CLASS	CONCENTRATION (IU/ml)	IMPRESSION
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 *