

<b>PT NAME:</b> RANBIR SINGH S/O ANGREZ	<b>Gender :</b> Male   ( <b>Age :</b> 4 Year)	<b>Reg. No:</b> 159250 <b>Barcode:</b> 191804250004
<b>Ref. By Dr.:</b> SELF	<b>Sample Received On:</b> 25-04-2018	<b>Registered On:</b> 25-04-2018
<b>Lab/Hpl.:</b> PROGNOSIS LAB-DELHI	<b>Sample:</b> SERUM	<b>Reported on:</b> 27-04-2018

**ALLERGY SCREENING TESTS (BY IMMUNO - EIA )**

TEST	RESULT	NORMALS	
		AGE	IgE Level
IgE	<b>278.0</b> KU/L	<5 Years	5 - 25 KU/L
		5 - 10 Years	20-50 KU/L
		>10 Years	20-100 KU/L
	<b>Normal For All Allergens is</b>	<b>&lt;than 0.35 U/L</b>	

**ALLERGEN DETECTED**

<b>Food Veg.</b>	GROUNDNUT,RICE, POTATO,CARROT, SOYA BEANS, HAZELNUT, WHEAT FLOUR, MILK, COCOA
<b>Food Non veg.</b>	NIL
<b>Inhalants</b>	NIL
<b>Contact</b>	NIL
<b>Drug</b>	NIL

<b>PT NAME:</b> RANBIR SINGH S/O ANGREZ	<b>Gender :</b> Male   (Age : 4 Year)	<b>Reg. No:</b> 159250 <b>Barcode:</b> 191804250004
<b>Ref. By Dr.:</b> SELF	<b>Sample Received On:</b> 25-04-2018	<b>Registered On:</b> 25-04-2018
<b>Lab/Hpl.:</b> PROGNOSIS LAB-DELHI	<b>Sample:</b> SERUM	<b>Reported on:</b> 27-04-2018

### FOOD (VEG)




ALLERGEN	हिन्दी नाम	VALUE	ALLERGEN	हिन्दी नाम	VALUE
ALMOND	बादाम	0.02	ALMOND	बादाम	0.02
BARLEY	जौ	0.22	ARECANUT	सुपारी	0.11
<b>CARROT</b>	<b>गाजर</b>	<b>0.65</b>	CABBAGE	पता गोभी	0.15
CLOVE	लौंग	0.33	CHEESE	पनीर	0.21
CUCUMBER	खीरा	0.17	COFFEE	काँफ़ी	0.24
DAL MOONG	दालमूंग	0.15	DAL ARHAR	दालअरहर	0.10
GARLIC	लहसुन	0.20	DATES	खजूर	0.31
JAGGERY	गुड़	0.24	<b>GROUNDNUT</b>	<b>मूंगफली</b>	<b>0.70</b>
MANGO	आम	0.13	LADY S FINGER	भिंडी	0.14
NUTMEG	जायफल	0.23	MSG ( AJINOMOTO)	अजीनोमोटो	0.17
PINEAPPLE	अनानास	0.11	ORANGE	संतरा	0.24
SESAME	तिल	0.20	RADISH	मूली	0.02
SUNFLOWER	सूरजमुखी	0.02	SQUASH	कुम्हड़ा	0.28
TURMERIC	gYnh	0.23	TOBACCO	तम्बाकू	0.14
ANISEED	सोफ़े	0.32	<b>WHEAT FLOUR</b>		<b>0.47</b>
BLACK PEPPER	कालीमिर्च	0.15	BAJARI	बजरी	0.22
CASHEWNUT	काजू	0.28	CAPSICUM	शिमलामिर्च	0.21
<b>COCOA</b>	<b>कोको</b>	<b>0.69</b>	CHILLY	मिर्च	0.02
			CORIANDER	धिन्ना	0.14

<b>PT NAME:</b> RANBIR SINGH S/O ANGREZ	<b>Gender :</b> Male   ( <b>Age :</b> 4 Year)	<b>Reg. No:</b> 159250 <b>Barcode:</b> 191804250004
<b>Ref. By Dr.:</b> SELF	<b>Sample Received On:</b> 25-04-2018	<b>Registered On:</b> 25-04-2018
<b>Lab/Hpl.:</b> PROGNOSIS LAB-DELHI	<b>Sample:</b> SERUM	<b>Reported on:</b> 27-04-2018








CUMMIN	जौरा		0.02	DAL CHANA	दालचना		0.14
--------	------	---	------	-----------	--------	---	------

### FOOD (Veg)

ALLERGEN	हिन्दी नाम	VALUE	ALLERGEN	हिन्दी नाम	VALUE
----------	------------	-------	----------	------------	-------

DAL RAJMA	दालराजमा		0.12	EGGS	अंडे		0.14
GINGER	अदरक		0.23	GUVAVA	अमरूद		0.05
KATHA	कत्ते		0.23	LEMON	निंबू		0.02
MELON	खरबूज		0.32	MUSHROOM	मशरूम		0.23
OAT	जई		0.20	PAPAYA	पपीता		0.33
PISTA.	पिस्ता		0.14	RICE	चावल		0.22
<b>SOYABEAN</b>	<b>सोयाबीन</b>	 +	<b>0.42</b>	STRAW BERRY	झरबेर		0.14
TAMARIND	इमली		0.31	TOMATOES	टमाटर		0.05
VINEGAR	सिरका		0.22	YEAST	खमीर		0.33
APPLE	सेब		0.31	BANANA	केला		0.14
BRINJAL	बैंगन		0.22	CADIMUM	इलायची		0.01
CAULIFLOWER	फूलगोभी		0.31	CINNAMON	दालचीनी		0.24
COCONUT	नारियल		0.02	COTTON SEED	बिनीला		0.18
CURD	दही		0.11	DAL MASOOR	दालमसूर		0.31
DAL URAD	दालउड़द		0.05	FENUGREEK	मेथी		0.06
GRAPES	अंगूर		0.23	HONEY	शहद		0.03
LACTOGLOBULIN	लैक्टोग्लोबुलिन		0.23	MAIZE	मक्का		0.31
<b>MILK</b>	<b>दूध</b>	 +	<b>0.40</b>	MUSTARD	सरसों		0.02

<b>PT NAME:</b> RANBIR SINGH S/O ANGREZ	<b>Gender :</b> Male   ( <b>Age :</b> 4 Year)	<b>Reg. No:</b> 159250 <b>Barcode:</b> 191804250004
<b>Ref. By Dr.:</b> SELF	<b>Sample Received On:</b> 25-04-2018	<b>Registered On:</b> 25-04-2018
<b>Lab/Hpl.:</b> PROGNOSIS LAB-DELHI	<b>Sample:</b> SERUM	<b>Reported on:</b> 27-04-2018

ONION	प्याज		0.23	PEAS	मटर		0.11
<b>POTATO</b>	<b>आलू</b>	 +	<b>0.40</b>	SALT	नमक		0.13
SPINACH	पालक		0.31	SUGAR	चीनी		0.22
TEA	चाय		0.14	TOOR DAL	तूरदाल		0.15
WALNUT	अखरोट		0.33	<b>HAZELNUT</b>			<b>0.70</b>



**Dr. YUGAM CHOPRA**  
MBBS,MD (Consultant Pathologist)

<b>PT NAME:</b> RANBIR SINGH S/O ANGREZ	<b>Gender :</b> Male   ( <b>Age :</b> 4 Year)	<b>Reg. No:</b> 159250 <b>Barcode:</b> 191804250004
<b>Ref. By Dr.:</b> SELF	<b>Sample Received On:</b> 25-04-2018	<b>Registered On:</b> 25-04-2018
<b>Lab/Hpl.:</b> PROGNOSIS LAB-DELHI	<b>Sample:</b> SERUM	<b>Reported on:</b> 27-04-2018

**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.

**SYMPTONS 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 \*