

|                                 |  |   |
|---------------------------------|--|---|
| <b>PT NAME:</b> AYUSH           | <b>Gender :</b> MALE   ( <b>Age :</b> 22 Year) | <b>Reg. No:</b> 159322 <b>Barcode:</b> 091804250007 |
| <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> BABA FARID LAB | <b>Sample:</b> SERUM                           | <b>Reported on:</b> 28-04-2018                      |

NN

ALLERGY SCREENING TESTS (BY IMMUNO - EIA )

| TEST | RESULT                             | NORMALS                  |             |
|------|------------------------------------|--------------------------|-------------|
|      |                                    | AGE                      | IgE Level   |
| IgE  | <b>914.50 KU/L</b>                 | <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



|               |  |
|---------------|--|
| Food Veg.     | SEASAME, SOYABEAN, RICE, CASHEW NUT, GROUND NUT  |
| Food Non veg. | NIL  |
| Inhalants     | HOUSE DUST, HOUSE DUST MITE, WOOD DUST, CLADOSPORIUM HERBARUM, ASPERGILLUS FUMIGATUS, ALTERNATA TENIUS |
| Contact       | NIL  |
| Drug          | NIL  |

|                          |                                 |                                      |
|--------------------------|---------------------------------|--------------------------------------|
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





















### 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  |
| CARROT       | गाजर       | 0.22  | CABBAGE          | पता गोभी   | 0.15  |
| CLOVE        | लौंग       | 0.33  | CHEESE           | पनीर       | 0.21  |
| CUCUMBER     | खीरा       | 0.17  | COFFEE           | कॉफी       | 0.24  |
| DAL MOONG    | दालमूंग    | 0.15  | DAL ARHAR        | दालअरहर    | 0.10  |
| GARLIC       | लहसुन      | 0.20  | DATES            | खजूर       | 0.30  |
| JAGGERY      | गुड़       | 0.24  | GROUNDNUT        | मूंगफली    | 0.50  |
| MANGO        | आम         | 0.13  | LADY S FINGER    | भिंडी      | 0.14  |
| NUTMEG       | जायफल      | 0.13  | MSG ( AJINOMOTO) | अजीनोमोटो  | 0.17  |
| PINEAPPLE    | अनानास     | 0.11  | ORANGE           | संतरा      | 0.24  |
| SESAME       | तिल        | 0.43  | RADISH           | मूली       | 0.02  |
| SUNFLOWER    | सूरजमुखी   | 0.02  | SQUASH           | कुम्हड़ा   | 0.28  |
| TURMERIC     | gYnh       | 0.23  | TOBACCO          | तम्बाकू    | 0.14  |
| ANISEED      | सौंफ       | 0.21  | WHEAT            |            | 0.10  |
| BLACK PEPPER | कालीमिर्च  | 0.15  | BAJARI           | बजरी       | 0.22  |
| CASHEWNUT    | काजू       | 0.42  | CAPSICUM         | शिमलामिर्च | 0.21  |
| COCOA        | कोको       | 0.03  | CHILLY           | मिर्च      | 0.02  |
|              |            |       | CORIANDER        | धिन्धिया   | 0.14  |







|                          |                                 |                                      |
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| Lab/Hpl.: BABA FARID LAB | Sample: SERUM                   | Reported on: 28-04-2018              |

|        |      |   |      |           |        |   |      |
|--------|------|---|------|-----------|--------|---|------|
| CUMMIN | जीरा |  | 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             |  | 0.14                 | MUSHROOM    | मशरूम       |  | 0.23                 |
| OAT             | जई                |  | 0.23                 | PAPAYA      | पपीता       |  | 0.33                 |
| PISTA.          | पिस्ता            |  | 0.14                 | <b>RICE</b> | <b>चावल</b> |  | <b>+</b> <b>0.45</b> |
| <b>SOYABEAN</b> | <b>सोयाबीन</b>    |  | <b>+</b> <b>0.49</b> | STRAW BERRY | झरबेर       |  | 0.14                 |
| TAMARIND        | इमली              |  | 0.31                 | TOMATOES    | टमाटर       |  | 0.05                 |
| VINEGAR         | सिरका             |  | 0.22                 | YEAST       | खमीर        |  | 0.33                 |
| APPLE           | सेब               |  | 0.21                 | 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 | बिनौला      |  | 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   | लैक्टोग्लोब्युलिन |  | 0.11                 | MAIZE       | मक्का       |  | 0.31                 |
| MILK            | दूध               |  | 0.14                 | MUSTARD     | सरसों       |  | 0.02                 |

|                                 |  |   |
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| <b>Lab/Hpl.:</b> BABA FARID LAB | <b>Sample:</b> SERUM                           | <b>Reported on:</b> 28-04-2018                      |

|         |       |   |      |          |        |   |      |
|---------|-------|---|------|----------|--------|---|------|
| ONION   | प्याज |  | 0.15 | PEAS     | मटर    |  | 0.11 |
| POTATO  | आलू   |  | 0.02 | 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 |          |        |   |      |

|                          |                                 |                                      |
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| Lab/Hpl.: BABA FARID LAB | Sample: SERUM                   | Reported on: 28-04-2018              |

### INHALANTAS

| ALLERGEN           | हिन्दी नाम    | VALUE        | ALLERGEN                     | हिन्दी नाम           | VALUE        |
|--------------------|---------------|--------------|------------------------------|----------------------|--------------|
|                    |               |              | ACACIA RABICA                | बबूल                 | 0.33         |
| AMARANTHUS         | चौलाई         | 0.18         | <b>ASPERGILLUS FUMIGATUS</b> | ऐस्पेर्गिल्लस        | <b>0.50</b>  |
| AZADIRECHTA INDICA | नीम           | 0.09         | BRASSICA Campestris          | सरसोंकाफूल           | 0.23         |
| CANNABIS SATIVA    | भांगकापोधा    | 0.33         | CAT DANDER                   | कैट रोष              | 0.14         |
| CHALK POWDER       | चाकपाउडर      | 0.23         | <b>COCKROACH DUST</b>        | कॉकरोच               | <b>7.19</b>  |
| COTTON FIBERS      | कपासफाइबर     | 0.30         | CYNODON DACTYLON             | दूब घास              | 0.21         |
| DANDELION          | कुकरौंधा      | 0.14         | EUCALYPTUS                   | युकलिप्टस            | 0.33         |
| GOAT DANDER        | बकरीकी        | 0.35         | HONEY BEE                    | मधुमक्खी             | 0.01         |
| <b>HOUSEDUST</b>   | <b>घरधूल</b>  | <b>16.40</b> | INSECT                       | कीट                  | 0.33         |
| JOHNSON GRASS      | जॉनसनघास      | 0.17         | JUNIPERUS COMMUNIS           | जूनीपेरस             | 0.22         |
| LAWSONIA INERMIS   | मेहँदी        | 0.14         | NEUROSPORA SPP               | न्यूरोस्पोरा सप्प    | 0.22         |
| PENICILLIUM SPP    | पेनिसिलियम    | 0.24         | RAGWEED                      | रेगवीड               | 0.33         |
| RICINUS COMMUNIS   | रिसनस         | 0.02         | SORGHUM VULGARE              | बाजरा                | 0.21         |
| TEA LEAVES         | चायकी         | 0.22         | <b>WOOD DUST</b>             | <b>लकड़ीकाबुरादा</b> | <b>18.14</b> |
| ADHATODA VASICA    | अट्टसा        | 0.33         | ARGEMONE MEXICANA            | सत्यानाशी            | 0.22         |
| ASPERGILLUS NIGER  | ऐरिंजलस नाइजर | 0.14         | GRAVEL DUST                  | बजरीधूल              | 0.33         |

|                                 |  |   |
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|                  |              |   |      |                   |                |   |      |
|------------------|--------------|---|------|-------------------|----------------|---|------|
| BUFFALO DANDER   | भैंस की रूसी |  | 0.22 | CARICA PAPAYA     | पपीतेकापेड़    |  | 0.33 |
| CEDRUS DEODARA   | देवदार       |  | 0.11 | CHENOPODIUM ALBUM | बथुआ           |  | 0.22 |
| COCUS NUCIFERA   | नारियल       |  | 0.22 | COW DANDER        | गायकी          |  | 0.14 |
| CYPERUS ROTUNDUS | नागार्मोथा   |   | 0.22 | DOG DANDER        | कुत्ते की रूसी |   | 0.34 |

|                          |                                 |                                      |
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| Lab/Hpl.: BABA FARID LAB | Sample: SERUM                   | Reported on: 28-04-2018              |

### INHALANTAS

| ALLERGEN                 | हिन्दी नाम                    | VALUE    | ALLERGEN                 | हिन्दी नाम              | VALUE             |      |
|--------------------------|-------------------------------|----------|--------------------------|-------------------------|-------------------|------|
| FEATHER DUST             | पंखधूल                        | 0.14     | HAY DUST                 | घासधूल                  | 0.02              |      |
| HORSE DANDER             | घोड़ेकेबालों                  | 0.33     | <b>HOUSE DUST MITE</b>   | <b>घुन</b>              | <b>+++ 10.09</b>  |      |
| IPOMOEA FISTULOSA        | बेहया                         | 0.18     | JOWAR DUST               | कीधूल                   | 0.10              |      |
| JUTE DUSTRTG             | जूटधूल                        | 0.33     | MOSQUITO                 | मच्छर                   | 0.02              |      |
| PAPER DUST               | कागजधूल                       | 0.11     | PHOENIX Dactylifera      | जंगलीबादाम              | 0.33              |      |
| RHIZOPUS NIGRICANS       | रिहजोप्स निग्रिकान्स          | 0.22     | RYE GRASS                | राईघास                  | 0.01              |      |
| STRAW DUST               | स्ट्रॉ इस्ट                   | 0.31     | TYPHA ANGUSTATA          | गुद                     | 0.10              |      |
| XANTHIUM Stermarlum      | छोटाधतूरा                     | 0.01     | <b>ALTERNARIA TENUIS</b> | <b>अल्नेरिया तेनुईस</b> | <b>++++ 42.19</b> |      |
| ARTEMISIA SCOPARIA       | नागदोना                       | 0.01     | ASPERGILLUSTAMARIE       | एस्पीर्गिल्लुसतमारी     | 0.21              |      |
| BERMUDA GRASS            | बरमूडाघास                     | 0.33     | CANDIDA ALBICANS         | आंत्रीय पथ              | 0.01              |      |
| CASSIA FISTULA           | राजवृक्ष                      | 0.03     | CENCHRUS CILIARIS        | बुफलघास                 | 0.22              |      |
| <b>CLADOSPORIUM HERB</b> | <b>क्लैडोस्पोरीयम हर्बेरम</b> | <b>+</b> | <b>0.60</b>              | COTTON DUST             | कपासधूल           | 0.02 |
| CRICKET                  | क्रिकेट                       | 0.11     | DAISY                    | गुलबहार                 | 0.33              |      |
| ETHYLENE OXIDE           | इथिलीन आक्साइड                | 0.25     | FLOUR MILL DUST          | आटा धूल                 | 0.02              |      |
| HOLOPTELEA INT           | चिल्लिब                       | 0.01     | HOUSE FLY                | मक्की                   | 0.28              |      |
| IMPERATA Cylindrica      | इम्पेरा सिलिन्ड्रिका          | 0.10     | JEERA DUST               | जीराधूल                 | 0.12              |      |
| JULIFLORA                | जंगलीबाबुल                    | 0.18     | KIGELIA PINNATA          | जंगलीखीरे               | 0.12              |      |

|                                 |  |   |
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|            |            |   |      |                  |                   |   |      |
|------------|------------|---|------|------------------|-------------------|---|------|
| MUGWORT    | नागदोना    |  | 0.11 | PARTHENIUM       | पार्येनियम        |  | 0.02 |
| PINE       | चीड़कापेड़ |  | 0.23 | RICE DUST        | चावलधूल           |  | 0.01 |
| SHEEP WOOL | भेड़केबाल  |  | 0.31 | SUAEDA FRUTICOSA | स्वेडा फ्रुटिकोसा |  | 0.20 |
| WHEAT DUST | कौधूल      |  | 0.03 | ZEA MAYS         | मक्का             |  | 0.14 |



|                                 |  |   |
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### CONTACTANTS & OTHERS

| ALLERGEN            | हिन्दी नाम   | VALUE | ALLERGEN         | हिन्दी नाम   | VALUE |
|---------------------|--|-------|------------------|--|-------|
| ALCOHOL             | शराब            | 0.11  | DETERGENT        | साफ करनेवाला          | 0.34  |
| LEATHER             | चमड़ा          | 0.21  | NYLON FIBERS     | नायलॉनफाइबर          | 0.33  |
| PLASTIC             | प्लास्टिक     | 0.20  | ASH              | टैटू                | 0.11  |
| HAIR DYE            | के श रंगना    | 0.14  | LIME STONE       | चूनेका              | 0.24  |
| PAINTS              | पेंट्स        | 0.01  | POLYESTER        | पॉलिएस्टर           | 0.22  |
| BONE CEMENT<br>PMMA | हड्डी सीमेंट  | 0.18  | LATEX            | लेटेक्स             | 0.23  |
| NICKEL              | निकल          | 0.11  | PERFUME          | खुशबू               | 0.31  |
| POWDER              | पाउडर         | 0.02  | SILK             | रेशम                | 0.31  |
| SOAP                | साबुन         | 0.01  | CAUSTIC SODA     | कास्टिक सोडा        | 0.10  |
| SMOKE               | धूम्रपान      | 0.08  | WOOL MIX         | ऊन                  | 0.21  |
| SULFUR              | सल्फर         | 0.23  | SMOKING(TOBACCO) | धूम्रपान (तम्बाकू)  | 0.14  |
| YARN FIBRE          | यार्न फाइबर   | 0.03  |                  |  |       |

|                                 |  |   |
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| <b>Lab/Hpl.:</b> BABA FARID LAB | <b>Sample:</b> SERUM                           | <b>Reported on:</b> 28-04-2018                      |

### FOOD (NON-VEG)

| ALLERGEN | हिन्दी नाम | VALUE | ALLERGEN     | हिन्दी नाम   | VALUE |
|----------|------------|-------|--------------|--------------|-------|
| BEEF     | गायकामांस  | 0.335 | SHRIMP       | दसपांवकीमछली | 0.11  |
| FISH     | मछली       | 0.02  | CHICHEN MEAT | कामांस       | 0.14  |
| MUTTON   | बकराकामांस | 0.33  | CRAB         | केकड़ा       | 0.14  |
| PORK     | सूअरकामांस | 0.02  | PRAWN        | झींंगा       | 0.03  |

|                                 |  |   |
|---------------------------------|--|---|
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## DRUGS

|                 |      |                |        |
|-----------------|------|----------------|--------|
| AMOXICILLIN     | 0.06 | ASPIRIN        | 0.02   |
| CIPROFLOXACIN   | 0.21 | DOXYCYCLIN     | 0.28   |
| INSULIN (HUMAN) | 0.11 | NIMESULIDE     | + 0.40 |
| OXACILLIN       | 0.33 | HENYLPBUTAZONE | 0.01   |
| PYRAZOLONE      | 0.15 | TETRACYCLINE   | 0.22   |
| TINIDAZOLE      | 0.33 | AMPICILLIN     | 0.15   |
| BRUFEN          | 0.12 | CLOXACILLIN    | 0.21   |
| EPINEPHRINE     | 0.35 | KETOPROFEN     | 0.15   |
| NORFLOXACIN     | 0.22 | PARACETAMOL    | 0.31   |
| PIROXICAM       | 0.02 | STREPTOMYCIN   | 0.21   |
| TETRAZIN        | 0.31 | TRIMETHOPRIM   | 0.35   |
| ARTICAIN        | 0.01 | CEPHALOSPORIN  | 0.21   |
| DICLOFENAC      | 0.31 | ERYTHROMYCIN   | 0.02   |
| METAMIZOL       | 0.03 | OFLOXACIN      | 0.21   |
| PENICILLIN      | 0.23 | PROCAIN        | 0.21   |
| SULPHA          | 0.01 | THEOPHILLINE   | 0.22   |
| XYLOCAIN        | 0.33 |                |        |



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

|                                 |  |   |
|---------------------------------|--|---|
| <b>PT NAME:</b> AYUSH           | <b>Gender :</b> MALE   ( <b>Age :</b> 22 Year) | <b>Reg. No:</b> 159322 <b>Barcode:</b> 091804250007 |
| <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> BABA FARID LAB | <b>Sample:</b> SERUM                           | <b>Reported on:</b> 28-04-2018                      |

**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 \*