

| | | |
|---|--|---|
| PT NAME: SHINDER PAL | Gender : Male (Age : 53 Year) | Reg. No: 159054 Barcode: 171804240007 |
| 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 | 375.0 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: | RICE, MELON, ALMOND. CARROT, NUTMEG, SEASAME, AJINOMOTO, TOBACCO |
| FOOD NON VEG: | NIL |
| INHALANTS: | AMARANTHUS, ALDER, HOUSE DUST, WOOD DUST. HOUSE DUST MITE, ASPERGILLUS TAMARIE, PARTHENIUM |
| CONTACTS: | TOBACCO |
| DRUGS: | NIL |

| | | |
|------------------------------------|---------------------------------|---------------------------------------|
| PT NAME: SHINDER PAL | Gender : Male (Age : 53 Year) | Reg. No: 159054 Barcode: 171804240007 |
| 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 |


FOOD (VEG)

| ALLERGEN | हिन्दी नाम | VALUE | ALLERGEN | हिन्दी नाम | VALUE |
|---------------|--------------|-------------|-------------------------|------------------|-------------|
| ALMOND | बादाम | 0.50 | ARECANUT | सुपारी | 0.03 |
| BARLEY | जौ | 0.21 | CABBAGE | पता गोभी | 0.28 |
| CARROT | गाजर | 0.56 | CHEESE | पनीर | 0.11 |
| CLOVE | लौंग | 0.33 | COFFEE | काँफ़ी | 0.31 |
| CUCUMBER | खीरा | 0.33 | DAL ARHAR | दाल अरहर | 0.22 |
| DAL MOONG | दाल मूंग | 0.33 | DATES | खजूर | 0.01 |
| GARLIC | लहसुन | 0.33 | GROUNDNUT | मूंगफली | 0.14 |
| JAGGERY | गुड़ | 0.25 | LADY S FINGER | भिंडी | 0.33 |
| MANGO | आम | 0.15 | MSG (AJINOMOTO) | अजीनोमोटो | 0.58 |
| NUTMEG | जायफल | 0.45 | ORANGE | संतरा | 0.31 |
| PINEAPPLE | अनानास | 0.01 | RADISH | मूली | 0.33 |
| SESAME | तिल | 0.67 | SQUASH | कुम्हड़ा | 0.29 |
| SUNFLOWER | सूरजमुखी | 0.02 | TOBACCO | तम्बाकू | 0.54 |
| TURMERIC | gYnh | 0.35 | WHEAT | | 0.02 |
| ANISEED | सोफ़े | 0.11 | BAJARI | बजरी | 0.22 |
| BLACK PEPPER | कालीमिर्च | 0.18 | CAPSICUM | शिमलामिर्च | 0.07 |
| CASHEWNUT | काजू | 0.23 | CHILLY | मिर्च | 0.33 |
| COCOA | कोको | 0.14 | CORIANDER | धिन्ना | 0.33 |








| | | |
|------------------------------------|---------------------------------|---------------------------------------|
| PT NAME: SHINDER PAL | Gender : Male (Age : 53 Year) | Reg. No: 159054 Barcode: 171804240007 |
| 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 |

| | | | | | | | |
|--------|------|---|------|-----------|---------|---|------|
| CUMMIN | जौरा |  | 0.02 | DAL CHANA | दाल चना |  | 0.14 |
|--------|------|---|------|-----------|---------|---|------|

FOOD (Veg)

| ALLERGEN | हिन्दी नाम | VALUE | ALLERGEN | हिन्दी नाम | VALUE |
|---------------|-------------------|---|-------------|-------------|--|
| DAL RAJMA | दाल राजमा | 0.21 | EGGS | अंडे | 0.33 |
| GINGER | अदरक |  0.14 | GUVAVA | अमरूद |  0.33 |
| KATHA | कत्ते |  0.14 | LEMON | निंबू |  0.22 |
| MELON | खरबूज |  0.42 | MUSHROOM | मशरूम |  0.15 |
| OAT | जई |  0.26 | PAPAYA | पपीता |  0.33 |
| PISTA. | पिस्ता | 0.14 | RICE | चावल | 0.45 |
| SOYABEAN | सोयाबीन |  0.33 | STRAW BERRY | झरबेर |  0.14 |
| TAMARIND | इमली |  0.03 | TOMATOES | टमाटर |  0.31 |
| VINEGAR | सिरका |  0.21 | YEAST | खमौर |  0.15 |
| APPLE | सेब |  0.23 | BANANA | के ला |  0.31 |
| BRINJAL | बेंगन | 0.02 | CADIMUM | इलायची | 0.33 |
| CAULIFLOWER | फू लगेभी |  0.35 | CINNAMON | दालचीनी |  0.14 |
| COCONUT | नारियल |  0.20 | COTTON SEED | बिनोला |  0.18 |
| CURD | दही |  0.31 | DAL MASOOR | दाल मसूर |  0.25 |
| DAL URAD | दाल उड़द |  0.01 | FENUGREEK | मेथी |  0.31 |
| GRAPES | अंगूर | 0.33 | HONEY | शहद | 0.14 |
| LACTOGLOBULIN | लैक्टोग्लोब्युलिन |  0.22 | MAIZE | मक्का |  0.33 |
| MILK | दूध |  0.14 | MUSTARD | सरसों |  0.22 |

| | | |
|---|--|---|
| PT NAME: SHINDER PAL | Gender : Male (Age : 53 Year) | Reg. No: 159054 Barcode: 171804240007 |
| 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 |






| | | | | | | | |
|---------|-------|---|------|----------|---------|---|------|
| ONION | प्याज |  | 0.03 | PEAS | मटर |  | 0.12 |
| POTATO | आलू |  | 0.14 | SALT | नमक |  | 0.33 |
| SPINACH | पालक | | 0.21 | SUGAR | चीनी | | 0.14 |
| TEA | चाय |  | 0.33 | TOOR DAL | तूर दाल |  | 0.04 |
| WALNUT | अखरोट |  | 0.21 | | | | |

| | | |
|------------------------------------|---------------------------------|---------------------------------------|
| PT NAME: SHINDER PAL | Gender : Male (Age : 53 Year) | Reg. No: 159054 Barcode: 171804240007 |
| 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 |

INHALANTAS

| ALLERGEN | हिन्दी नाम | VALUE | ALLERGEN | हिन्दी नाम | VALUE |
|--------------------|---------------|---------|---------------------|------------------------|--------|
| ALDER | | ++ 1.20 | ACACIA RABICA | बबूल | 0.02 |
| AMARANTHUS | चोलाई | + 0.39 | ASPERGILLUS | ऐस्पेर्गिल्लस | 0.15 |
| AZADIRECHTA INDICA | नीम | 0.22 | BRASSICA Campestris | सरसों का फूल | 0.31 |
| CANNABIS SATIVA | भांग का पौधा | 0.14 | CAT DANDER | केट रोष | 0.23 |
| CHALK POWDER | चाक पाउडर | 0.31 | COCKROACH DUST | काँकरोच | 0.02 |
| COTTON FIBERS | कपास फाइबर | 0.01 | CYNODON DACTYLON | दूब घास | 0.31 |
| DANDELION | कु करौंधा | 0.05 | EUCALYPTUS | युकलिप्टस | 0.14 |
| GOAT DANDER | बकरी की | 0.33 | HONEY BEE | मधुमक्खी | 0.14 |
| HOUSEDUST | घर धूल | ++ 1.23 | INSECT | कीट | 0.33 |
| JOHNSON GRASS | जॉनसन घास | 0.01 | JUNIPERUS COMMUNIS | जूनीपेरस | 0.22 |
| LAWSONIA INERMIS | मेहेंदी | 0.31 | NEUROSPORA SPP | न्यूरोस्पोरा सप्प | 0.14 |
| PENICILLIUM SPP | पेनिसिलियम | 0.18 | RAGWEED | रे गवीड | 0.33 |
| RICINUS COMMUNIS | रिसनस | 0.01 | SORGHUM VULGARE | बाजरा | 0.13 |
| TEA LEAVES | चाय की | 0.22 | WOOD DUST | लकड़ी का बुरादा | + 0.70 |
| ADHATODA VASICA | अडूसा | 0.01 | ARGEMONE MEXICANA | सत्यानाशी | 0.13 |
| ASPERGILLUS NIGER | एरिजलस नाइजर | 0.21 | GRAVEL DUST | बजरी धूल | 0.31 |

| | | |
|---|--|---|
| PT NAME: SHINDER PAL | Gender : Male (Age : 53 Year) | Reg. No: 159054 Barcode: 171804240007 |
| 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 |

| | | | | | | | |
|------------------|--------------|---|------|-------------------|----------------|---|------|
| BUFFALO DANDER | भैंस की रूसी |  | 0.21 | CARICA PAPAYA | पपीते का पेड़ |  | 0.02 |
| CEDRUS DEODARA | दे वदार |  | 0.31 | CHENOPODIUM ALBUM | बथुआ |  | 0.04 |
| COCUS NUCIFERA | नारियल |  | 0.25 | COW DANDER | गाय की |  | 0.31 |
| CYPERUS ROTUNDUS | नागार्मोथा | | 0.18 | DOG DANDER | कुत्ते की रूसी | | 0.14 |

| | | |
|------------------------------------|---------------------------------|---------------------------------------|
| PT NAME: SHINDER PAL | Gender : Male (Age : 53 Year) | Reg. No: 159054 Barcode: 171804240007 |
| 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 |

INHALANTAS

| ALLERGEN | हिन्दी नाम | VALUE | ALLERGEN | हिन्दी नाम | VALUE |
|---------------------|------------------------|-------|----------------------------|-----------------------|-------------|
| FEATHER DUST | पंख धूल | 0.29 | HAY DUST | घास धूल | 0.31 |
| HORSE DANDER | घोड़े के बालों | 0.14 | HOUSE DUST MITE | घुन | 1.45 |
| IPOMOEA FISTULOSA | बेहया | 0.33 | JOWAR DUST | कौ धूल | 0.14 |
| JUTE DUSTRTG | जूट धूल | 0.26 | MOSQUITO | मच्छर | 0.01 |
| PAPER DUST | कागज धूल | 0.33 | PHOENIX Dactylifera | जंगलों बादाम | 0.01 |
| RHIZOPUS NIGRICANS | रिहजोप्स निग्रिकान्स | 0.25 | RYE GRASS | राई घास | 0.23 |
| STRAW DUST | स्ट्रॉ इस्ट | 0.33 | TYPHA ANGUSTATA | गुद | 0.15 |
| XANTHIUM Stermarlum | छोटा धतूरा | 0.20 | ALTERNARIA TENUIS | अल्नेरिया तेनुईस | 0.33 |
| ARTEMISIA SCOPARIA | नागदोना | 0.01 | ASPERGILLUS TAMARIE | एसगिल्लुसतमारी | 0.43 |
| BERMUDA GRASS | बरमूडा घास | 0.33 | CANDIDA ALBICANS | आंत्रीय पथ | 0.14 |
| CASSIA FISTULA | राजवृक्ष | 0.05 | CENCHRUS CILIARIS | बुफल घास | 0.35 |
| CLADOSPORIUM HERB | क्लैडोस्पोरीयम हर्बेसम | 0.11 | COTTON DUST | कपास धूल | 0.25 |
| CRICKET | क्रिकेट | 0.31 | DAISY | गुलबहार | 0.05 |
| ETHYLENE OXIDE | इथिलीन आक्साइड | 0.24 | FLOUR MILL DUST | आटा धूल | 0.02 |
| HOLOPTELEA INT | चिल्लिब | 0.12 | HOUSE FLY | मक्की | 0.28 |
| IMPERATA Cylindrica | इम्पेटा सिलिन्ड्रिका | 0.21 | JEERA DUST | जौरा धूल | 0.33 |
| JULIFLORA | जंगली बाबुल | 0.11 | KIGELIA PINNATA | जंगली खीरे | 0.22 |

| | | |
|---|--|---|
| PT NAME: SHINDER PAL | Gender : Male (Age : 53 Year) | Reg. No: 159054 Barcode: 171804240007 |
| 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 |

CONTACTANTS & OTHERS

| ALLERGEN | हिन्दी नाम | VALUE | ALLERGEN | हिन्दी नाम | VALUE |
|---------------------|--|-------|-------------------------|---|-------------|
| ALCOHOL | शराब  | 0.18 | DETERGENT | साफ करनेवाला  | 0.02 |
| LEATHER | चमड़ा  | 0.31 | NYLON FIBERS | नायलॉन फाइबर  | 0.01 |
| PLASTIC | प्लास्टिक  | 0.22 | ASH | टैटू  | 0.11 |
| HAIR DYE | के श रंगना  | 0.02 | LIME STONE | चूने का  | 0.30 |
| PAINTS | पेंट्स  | 0.14 | POLYESTER | पॉलिएस्टर  | 0.22 |
| BONE CEMENT PMMA | हड्डी सीमेंट  | 0.33 | LATEX | लेटेक्स  | 0.04 |
| NICKEL | निकल  | 0.22 | PERFUME | खुशबू  | 0.33 |
| POWDER | पाउडर  | 0.03 | SILK | रे शम  | 0.01 |
| SOAP | साबुन  | 0.21 | CAUSTIC SODA | कास्टिक सोडा  | 0.30 |
| SMOKE | धूम्रपान  | 0.02 | WOOL MIX | ऊन  | 0.33 |
| SULFUR | सल्फर  | 0.11 | SMOKING(TOBACCO) | धूम्रपान (तम्बाकू)  + | 0.40 |
| YARN FIBRE | यार्न फाइबर  | 0.02 | | | |

| | | |
|---|--|---|
| PT NAME: SHINDER PAL | Gender : Male (Age : 53 Year) | Reg. No: 159054 Barcode: 171804240007 |
| 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 |



Dr. YUGAM CHOPRA
MBBS,MD (Consultant Pathologist)

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.

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 *