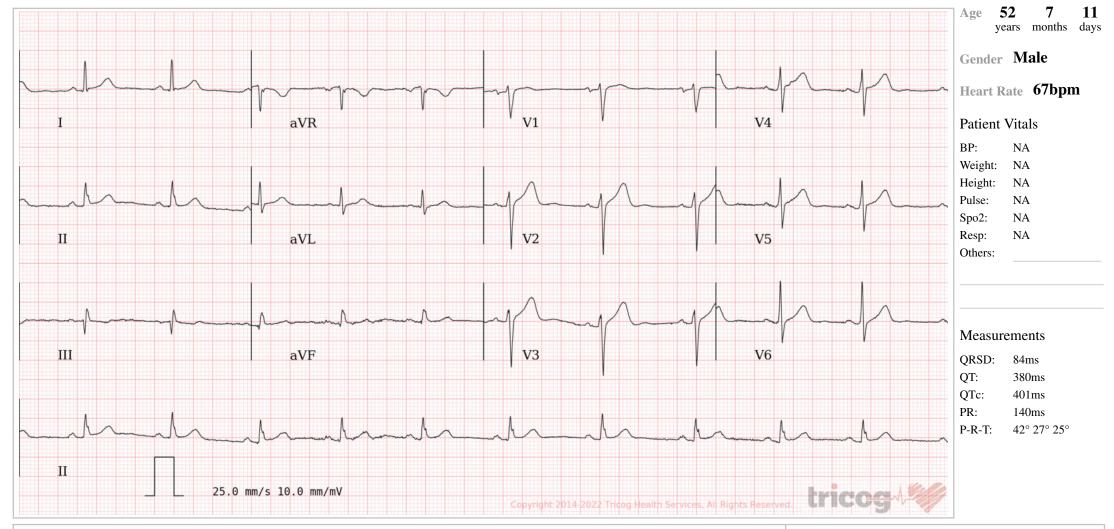
# SUBURBAN DIAGNOSTICS - ANDHERI WEST



Patient Name:SANJAY NAMDEO SHELARPatient ID:2228119510

Date and Time: 8th Oct 22 11:23 AM

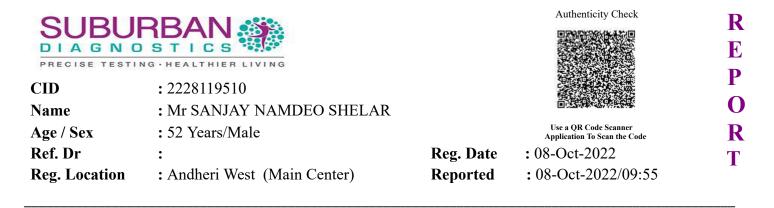


ECG Within Normal Limits: Sinus Rhythm, Normal Axis.Please correlate clinically.

REPORTED BY

DR RAVI CHAVAN MD, D.CARD, D. DIABETES Cardiologist & Diabetologist 2004/06/2468

Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.



# **USG WHOLE ABDOMEN**

# LIVER:

The liver is normal in size (14.2cm) and **shows bright echotexture.** The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen. The main portal vein and CBD appears normal.

# **GALL BLADDER:**

The gall bladder is physiologically distended and appears normal. No evidence of gall stones or lesions seen **PANCREAS**:

The pancreas is well visualised and appears normal. No evidence of solid or cystic mass lesion.

# **KIDNEYS:**

Both the kidneys are normal in size shape and echotexture.

No evidence of any calculus, hydronephrosis or mass lesion seen.

Right kidney measures 10.8 x 5.0cm. Left kidney measures 10.2 x 4.8cm.

A 23 x 21mm sized simple cortical cyst is noted in the upper pole of the left kidney.

# **SPLEEN:**

The spleen is normal in size (10.9cm) and echotexture. No evidence of focal lesion is noted. There is no evidence of any lymphadenopathy or ascites.

# **URINARY BLADDER:**

The urinary bladder is well distended and reveal no intraluminal abnormality.

# **PROSTATE:**

The prostate is normal in size measuring 3.3 x 3.2 x 3.1cm and volume is 17.9cc.

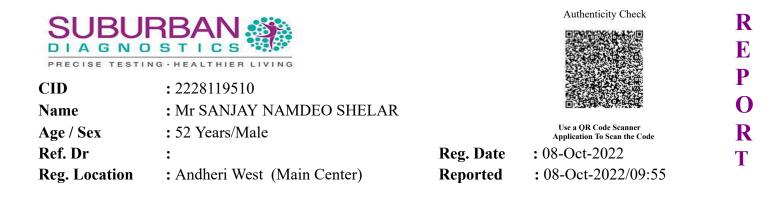
# **IMPRESSION:**

Left simple renal cortical cyst as described above. Grade I fatty liver.

-----End of Report-----

Nubhill

DR. NIKHIL DEV M.B.B.S, MD (Radiology) Reg No – 2014/11/4764 Consultant Radiologist





CID : 2228119510 Name : MR.SANJAY NAMDEO SHELAR Age / Gender : 52 Years / Male Consulting Dr. : -Reg. Location : Andheri West (Main Centre)



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Collected Reported

# MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO

| <u>CBC (Complete Blood Count), Blood</u> |                 |                             |                    |  |
|--|-----------------|-----------------------------|--------------------|--|
| PARAMETER                                | RESULTS         | <b>BIOLOGICAL REF RANGE</b> | <u>METHOD</u>      |  |
| <b>RBC PARAMETERS</b>                    |                 |                             |                    |  |
| Haemoglobin                              | 14.2            | 13.0-17.0 g/dL              | Spectrophotometric |  |
| RBC                                      | 5.07            | 4.5-5.5 mil/cmm             | Elect. Impedance   |  |
| PCV                                      | 44.2            | 40-50 %                     | Calculated         |  |
| MCV                                      | 87.2            | 80-100 fl                   | Measured           |  |
| MCH                                      | 28.0            | 27-32 pg                    | Calculated         |  |
| MCHC                                     | 32.1            | 31.5-34.5 g/dL              | Calculated         |  |
| RDW                                      | 14.4            | 11.6-14.0 %                 | Calculated         |  |
| WBC PARAMETERS                           |                 |                             |                    |  |
| WBC Total Count                          | 7200            | 4000-10000 /cmm             | Elect. Impedance   |  |
| WBC DIFFERENTIAL AND A                   | ABSOLUTE COUNTS |                             |                    |  |
| Lymphocytes                              | 30.8            | 20-40 %                     |                    |  |
| Absolute Lymphocytes                     | 2210            | 1000-3000 /cmm              | Calculated         |  |
| Monocytes                                | 9.9             | 2-10 %                      |                    |  |
| Absolute Monocytes                       | 710             | 200-1000 /cmm               | Calculated         |  |
| Neutrophils                              | 53.4            | 40-80 %                     |                    |  |
| Absolute Neutrophils                     | 3830            | 2000-7000 /cmm              | Calculated         |  |
| Eosinophils                              | 5.3             | 1-6 %                       |                    |  |
| Absolute Eosinophils                     | 380             | 20-500 /cmm                 | Calculated         |  |
| Basophils                                | 0.6             | 0.1-2 %                     |                    |  |
| Absolute Basophils                       | 40              | 20-100 /cmm                 | Calculated         |  |
| Immature Leukocytes                      | -               |                             |                    |  |

WBC Differential Count by Absorbance & Impedance method/Microscopy.

## PLATELET PARAMETERS

| Platelet Count | 150000 | 150000-400000 /cmm | Elect. Impedance |
|----------------|--------|--------------------|------------------|
| MPV            | 11.7   | 6-11 fl            | Measured         |
| PDW            | 22.7   | 11-18 %            | Calculated       |

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| DIAGNOSTI<br>RECISE TESTING HEAL | C S                          |           |   | E   |
|----------------------------------|------------------------------|-----------|---|-----|
| CID                              | : 2228119510                 |           |   | Р   |
| Name                             | : MR.SANJAY NAMDEO SHELAR    |           |   | 0   |
| Age / Gender                     | :52 Years / Male             |           | Use a QR Code Scanner<br>Application To Scan the Code | R   |
| Consulting Dr.                   | : -                          | Collected | :08-Oct-2022 / 08:56                                  | 838 |
| Reg. Location                    | : Andheri West (Main Centre) | Reported  | :08-Oct-2022 / 12:12                                  | т   |
| RBC MORPHO<br>Hypochromia        | LOGY<br>-                    |           |   |     |

| Microcytosis               |                         |                  |            |
|----------------------------|-------------------------|------------------|------------|
| Macrocytosis               |                         |                  |            |
| Anisocytosis               |                         |                  |            |
| Poikilocytosis             |                         |                  |            |
| Polychromasia              |                         |                  |            |
| Target Cells               |                         |                  |            |
| Basophilic Stippling       |                         |                  |            |
| Normoblasts                |                         |                  |            |
| Others                     | Normocytic,Normochromic |                  |            |
| WBC MORPHOLOGY             | -                       |                  |            |
| PLATELET MORPHOLOGY        | -                       |                  |            |
| COMMENT                    | -                       |                  |            |
| Specimen: EDTA Whole Blood |                         |                  |            |
| ESR, EDTA WB               | 6                       | 2-20 mm at 1 hr. | Westergren |

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West \*\*\* End Of Report \*\*\*



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Authenticity Check

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**Dr.JYOT THAKKER** M.D. (PATH), DPB Pathologist & AVP( Medical Services)

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:08-Oct-2022 / 11:58 :08-Oct-2022 / 16:56

| MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO |   |  |               |  |  |
|--|---|--|---------------|--|--|
| PARAMETER  | <u>RESULTS</u>                                    | <b>BIOLOGICAL REF RANGE</b>  | <u>METHOD</u> |  |  |
| GLUCOSE (SUGAR) FASTING,<br>Fluoride Plasma              | 118.5   | Non-Diabetic: < 100 mg/dl<br>Impaired Fasting Glucose:<br>100-125 mg/dl<br>Diabetic: >/= 126 mg/dl   | Hexokinase    |  |  |
| GLUCOSE (SUGAR) PP, Fluoride<br>Plasma PP/R              | 90.5  | Non-Diabetic: < 140 mg/dl<br>Impaired Glucose Tolerance:<br>140-199 mg/dl<br>Diabetic: >/= 200 mg/dl | Hexokinase    |  |  |
| Urine Sugar (Fasting)                                    | Absent  | Absent   |               |  |  |
| Urine Ketones (Fasting)                                  | Absent  | Absent   |               |  |  |
| Urine Sugar (PP)   | Absent  | Absent   |               |  |  |
| Urine Ketones (PP)                                       | Absent  | Absent   |               |  |  |
| *Sample processed at SUBURBAN DIA                        | GNOSTICS (INDIA) PVT. LTD CPL,<br>*** End Of Repo |  |               |  |  |



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**Dr.ANUPA DIXIT** M.D.(PATH) **Consultant Pathologist & Lab** Director

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|---------------------------------|-------------------------------------|
| Name                            | : MR.SANJAY NAMDEO SHELAR           |
| Age / Gender                    | :52 Years / Male                    |
| Consulting Dr.<br>Reg. Location | : -<br>: Andheri West (Main Centre) |



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Collected : 08-Oct Reported : 08-Oct

:08-Oct-2022 / 08:56 :08-Oct-2022 / 13:03

# MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO KIDNEY FUNCTION TESTS

| PARAMETER             | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
|-----------------------|----------------|----------------------|---------------|
| BLOOD UREA, Serum     | 22.7           | 12.8-42.8 mg/dl      | Kinetic       |
| BUN, Serum            | 10.6           | 6-20 mg/dl           | Calculated    |
| CREATININE, Serum     | 1.02           | 0.67-1.17 mg/dl      | Enzymatic     |
| eGFR, Serum           | 82             | >60 ml/min/1.73sqm   | Calculated    |
| TOTAL PROTEINS, Serum | 6.8            | 6.4-8.3 g/dL         | Biuret        |
| ALBUMIN, Serum        | 4.3            | 3.5-5.2 g/dL         | BCG           |
| GLOBULIN, Serum       | 2.5            | 2.3-3.5 g/dL         | Calculated    |
| A/G RATIO, Serum      | 1.7            | 1 - 2                | Calculated    |
| URIC ACID, Serum      | 6.5            | 3.5-7.2 mg/dl        | Enzymatic     |
| PHOSPHORUS, Serum     | 3.3            | 2.7-4.5 mg/dl        | Molybdate UV  |
| CALCIUM, Serum        | 8.8            | 8.6-10.0 mg/dl       | N-BAPTA       |
| SODIUM, Serum         | 142            | 135-148 mmol/l       | ISE           |
| POTASSIUM, Serum      | 4.4            | 3.5-5.3 mmol/l       | ISE           |
| CHLORIDE, Serum       | 107            | 98-107 mmol/l        | ISE           |
|                       |                |                      |               |

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# MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO GLYCOSYLATED HEMOGLOBIN (HbA1c) PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD

| Glycosylated Hemoglobin<br>(HbA1c), EDTA WB - CC | 6.2   | Non-Diabetic Level: < 5.7 %<br>Prediabetic Level: 5.7-6.4 %<br>Diabetic Level: >/= 6.5 % | HPLC       |
|--|-------|--|------------|
| Estimated Average Glucose (eAG), EDTA WB - CC    | 131.2 | mg/dl  | Calculated |

#### Intended use:

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

#### **Clinical Significance:**

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

#### Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

#### Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

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# MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO PROSTATE SPECIFIC ANTIGEN (PSA) PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD TOTAL PSA, Serum 0.463 0.03-3.5 ng/ml ECLIA

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|--------------------|------------------------------|-----------|---|---|
| ECISE TESTING HEAL |                              |           |   | E |
| CID                | : 2228119510                 |           |   |   |
| Name               | : MR.SANJAY NAMDEO SHELAR    |           |   | 0 |
| Age / Gender       | :52 Years / Male             |           | Use a QR Code Scanner<br>Application To Scan the Code | R |
| Consulting Dr.     | : -                          | Collected | :08-Oct-2022 / 08:56                                  |   |
| Reg. Location      | : Andheri West (Main Centre) | Reported  | :08-Oct-2022 / 12:42                                  | т |

#### **Clinical Significance:**

- PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue.
- Monitoring patients with a history of prostate cancer as an early indicator of recurrence and response to treatment.
- Prostate cancer screening 4. The percentage of Free PSA (FPSA) in serum is described as being significantly higher in patients with BPH than in patients with prostate cancer. 5. Calculation of % free PSA (ie. FPSA/TPSA x 100 ), has been suggested as way of improving the differentiation of BPH and Prostate cancer.

#### Interpretation:

Increased In- Prostate diseases, Cancer, Prostatitis, Benign prostatic hyperplasia, Prostatic ischemia, Acute urinary retention, Manipulations like Prostatic massage, Cystoscopy, Needle biopsy, Transurethral resection, Digital rectal examination, Radiation therapy, Indwelling catheter, Vigorous bicycle exercise, Drugs (e.g., testosterone), Physiologic fluctuations. Also found in small amounts in other cancers (sweat and salivary glands, breast, colon, lung, ovary) and in Skene glands of female urethra and in term placenta, Acute renal failure, Acute myocardial infarction.

Decreased In- Ejaculation within 24-48 hours, Castration, Antiandrogen drugs (e.g., finasteride), Radiation therapy, Prostatectomy, PSA falls 17% in 3 days after lying in hospital, Artifactual (e.g., improper specimen collection; very high PSA levels). Finasteride (5-α-reductase inhibitor) reduces PSA by 50% after 6 months in men without cancer.

#### Reflex Tests: % FREE PSA . USG Prostate

#### Limitations:

- tPSA values determined on patient samples by different testing procedures cannot be directly compared with one another and could be the cause of erroneous medical interpretations. If there is a change in the tPSA assay procedure used while monitoring therapy, then the tPSA values obtained upon changing over to the new procedure must be confirmed by parallelmeasurements with both methods. Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography and needle biopsy of prostate is not recommended as they falsely elevate levels.
- Patients who have been regularly exposed to animals or have received immunotherapy or diagnostic procedures utilizing immunoglobulins or immunoglobulin fragments may produce antibodies, e.g. HAMA, that interferes with immunoassays.
- PSA results should be interpreted in light of the total clinical presentation of the patient, including: symptoms, clinical history, data from additional tests, and other appropriate information.
- Serum PSA concentrations should not be interpreted as absolute evidence for the presence or absence of prostate cancer.

#### **Reference:**

- Wallach's Interpretation of diagnostic tests
- Total PSA Pack insert

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### MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO EXAMINATION OF FAECES

|                                | EXAMINATION OF TALEES |                             |
|--------------------------------|-----------------------|-----------------------------|
| <u>PARAMETER</u>               | <u>RESULTS</u>        | <b>BIOLOGICAL REF RANGE</b> |
| PHYSICAL EXAMINATION           |                       |                             |
| Colour                         | Brown                 | Brown                       |
| Form and Consistency           | Semi Solid            | Semi Solid                  |
| Mucus                          | Absent                | Absent                      |
| Blood                          | Absent                | Absent                      |
| CHEMICAL EXAMINATION           |                       |                             |
| Reaction (pH)                  | Acidic (6.5)          | -                           |
| Occult Blood                   | Absent                | Absent                      |
| MICROSCOPIC EXAMINATION        |                       |                             |
| Protozoa                       | Absent                | Absent                      |
| Flagellates                    | Absent                | Absent                      |
| Ciliates                       | Absent                | Absent                      |
| Parasites                      | Absent                | Absent                      |
| Macrophages                    | Absent                | Absent                      |
| Mucus Strands                  | Absent                | Absent                      |
| Fat Globules                   | Absent                | Absent                      |
| RBC/hpf                        | Absent                | Absent                      |
| WBC/hpf                        | Absent                | Absent                      |
| Yeast Cells                    | Occasional            | Absent                      |
| Undigested Particles           | Present ++            | -                           |
| Concentration Method (for ova) | No ova detected       | Absent                      |
| Reducing Substances            | -                     | Absent                      |

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Anto Dr.ANUPA DIXIT

Dr.ANUPA DIXIT M.D.(PATH) Pathologist

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Age / Gender

Consulting Dr.

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: MR.SANJAY NAMDEO SHELAR : 52 Years / Male

Reg. Location : Andheri West (Main Centre)

:2228119510

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:08-Oct-2022 / 08:56 :08-Oct-2022 / 14:40

# MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO URINE EXAMINATION REPORT

| PARAMETER                   | RESULTS | BIOLOGICAL REF RANGE | <u>METHOD</u>      |
|-----------------------------|---------|----------------------|--------------------|
| PHYSICAL EXAMINATION        |         |                      |                    |
| Color                       | Yellow  | Pale Yellow          | -                  |
| Reaction (pH)               | 5.0     | 4.5 - 8.0            | Chemical Indicator |
| Specific Gravity            | 1.015   | 1.001-1.030          | Chemical Indicator |
| Transparency                | Clear   | Clear                | -                  |
| Volume (ml)                 | 50      | -                    | -                  |
| <b>CHEMICAL EXAMINATION</b> |         |                      |                    |
| Proteins                    | Absent  | Absent               | pH Indicator       |
| Glucose                     | Absent  | Absent               | GOD-POD            |
| Ketones                     | Absent  | Absent               | Legals Test        |
| Blood                       | Absent  | Absent               | Peroxidase         |
| Bilirubin                   | Absent  | Absent               | Diazonium Salt     |
| Urobilinogen                | Normal  | Normal               | Diazonium Salt     |
| Nitrite                     | Absent  | Absent               | Griess Test        |
| MICROSCOPIC EXAMINATION     |         |                      |                    |
| Leukocytes(Pus cells)/hpf   | 1-2     | 0-5/hpf              |                    |
| Red Blood Cells / hpf       | Absent  | 0-2/hpf              |                    |
| Epithelial Cells / hpf      | 0-1     |                      |                    |
| Casts                       | Absent  | Absent               |                    |
| Crystals                    | Absent  | Absent               |                    |
| Amorphous debris            | Absent  | Absent               |                    |
| Bacteria / hpf              | 8-10    | Less than 20/hpf     |                    |
| Others                      | -       |                      |                    |

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Collected Reported

:08-Oct-2022 / 08:56 :08-Oct-2022 / 15:25

# MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO BLOOD GROUPING & Rh TYPING

# PARAMETER

# **RESULTS**

ABO GROUP O Rh TYPING POSITIVE

NOTE: Test performed by automated column agglutination technology (CAT) which is more sensitive than conventional methods.

Note: This sample is not tested for Bombay blood group.

Specimen: EDTA Whole Blood and/or serum

#### Clinical significance:

ABO system is most important of all blood group in transfusion medicine

#### Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- · Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

#### Refernces:

- 1. Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company. Philadelphia
- 2. AABB technical manual

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West

\*\*\* End Of Report \*\*\*



| J. C. Salmer      |  |
|-------------------|--|
| Dr.LEENA SALUNKHE |  |

Dr.LEENA SALUNKHE M.B.B.S, DPB (PATH) Pathologist

Page 10 of 14

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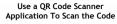
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CID : 2228119510 Name : MR.SANJAY NAMDEO SHELAR Age / Gender : 52 Years / Male Consulting Dr. : -Reg. Location : Andheri West (Main Centre)



Collected Reported :08-Oct-2022 / 08:56 :08-Oct-2022 / 13:04

## MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO LIPID PROFILE

| PARAMETER                           | <u>RESULTS</u>                 | BIOLOGICAL REF RANGE   | <u>METHOD</u>                                  |
|-------------------------------------|--------------------------------|--|--|
| CHOLESTEROL, Serum                  | 173.9                          | Desirable: <200 mg/dl<br>Borderline High: 200-239mg/dl<br>High: >/=240 mg/dl   | CHOD-POD                                       |
| TRIGLYCERIDES, Serum                | 67.6                           | Normal: <150 mg/dl<br>Borderline-high: 150 - 199<br>mg/dl<br>High: 200 - 499 mg/dl<br>Very high:>/=500 mg/dl                                     | GPO-POD  |
| HDL CHOLESTEROL, Serum              | 58.3                           | Desirable: >60 mg/dl<br>Borderline: 40 - 60 mg/dl<br>Low (High risk): <40 mg/dl  | Homogeneous<br>enzymatic<br>colorimetric assay |
| NON HDL CHOLESTEROL,<br>Serum       | 115.6                          | Desirable: <130 mg/dl<br>Borderline-high:130 - 159 mg/dl<br>High:160 - 189 mg/dl<br>Very high: >/=190 mg/dl                                      | Calculated                                     |
| LDL CHOLESTEROL, Serum              | 102.0                          | Optimal: <100 mg/dl<br>Near Optimal: 100 - 129 mg/dl<br>Borderline High: 130 - 159<br>mg/dl<br>High: 160 - 189 mg/dl<br>Very High: >/= 190 mg/dl | Calculated                                     |
| VLDL CHOLESTEROL, Serum             | 13.6                           | < /= 30 mg/dl  | Calculated                                     |
| CHOL / HDL CHOL RATIO,<br>Serum     | 3.0                            | 0-4.5 Ratio  | Calculated                                     |
| LDL CHOL / HDL CHOL RATIO,<br>Serum | 1.8                            | 0-3.5 Ratio  | Calculated                                     |
| *Sample processed at SUBURBAN DI    | AGNOSTICS (INDIA) PVT I TD CPI | Andheri West   |  |

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Dr.JYOT THAKKER M.D. (PATH), DPB Pathologist & AVP( Medical Services)

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: 2228119510

: -

: 52 Years / Male

: MR.SANJAY NAMDEO SHELAR

CID

Name

Age / Gender

Consulting Dr.

|                       | Authenticity Check                                    |  |
|-----------------------|---|--|
|                       | Use a QR Code Scanner<br>Application To Scan the Code |  |
| Collected<br>Reported | :08-Oct-2022 / 08:56<br>:08-Oct-2022 / 13:19          |  |

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# Reg. Location : Andheri West (Main Centre) Reported : 08-Oct-2022 / 1 MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO

| THYROID FUNCTION TESTS |                |                      |               |
|------------------------|----------------|----------------------|---------------|
| <u>PARAMETER</u>       | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
| Free T3, Serum         | 3.3            | 3.5-6.5 pmol/L       | ECLIA         |
| Free T4, Serum         | 16.2           | 11.5-22.7 pmol/L     | ECLIA         |
| sensitiveTSH, Serum    | 2.04           | 0.35-5.5 microIU/ml  | ECLIA         |

Page 12 of 14

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| CID            | : 2228119510                 |           |   |  |
|----------------|------------------------------|-----------|---|--|
| Name           | : MR.SANJAY NAMDEO SHELAR    |           |   |  |
| Age / Gender   | :52 Years / Male             |           | Use a QR Code Scanner<br>Application To Scan the Code |  |
| Consulting Dr. | : -                          | Collected | :08-Oct-2022 / 08:56                                  |  |
| Reg. Location  | : Andheri West (Main Centre) | Reported  | :08-Oct-2022 / 13:19                                  |  |
|                |                              |           |   |  |

#### Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

#### **Clinical Significance:**

1)TSH Values between high abnormal upto15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors

can give falsely high TSH.

2)TSH values may be trasiently altered becuase of non thyroidal illness like severe infections, liver disease, renal and heart severe burns, trauma and surgery etc.

| TSH  | FT4 / T4 | FT3 / T3 | Interpretation  |  |
|------|----------|----------|---|--|
| High | Normal   | Normal   | Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non-<br>thyroidal illness, TSH Resistance.   |  |
| High | Low      | Low      | Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism. |  |
| Low  | High     | High     | Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)   |  |
| Low  | Normal   | Normal   | Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal Iness.   |  |
| Low  | Low      | Low      | Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.   |  |
| High | High     | High     | Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.   |  |

**Diurnal Variation:**TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am, and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7% (with in subject variation)

Reflex Tests: Anti thyroid Antibodies, USG Thyroid , TSH receptor Antibody. Thyroglobulin, Calcitonin

#### Limitations:

1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours

following the last biotin administration.

2. Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results. this assay is designed to minimize interference from heterophilic antibodies.

#### Reference:

1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)

2.Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357

3. Tietz , Text Book of Clinical Chemistry and Molecular Biology -5th Edition

4.Biological Variation:From principles to Practice-Callum G Fraser (AACC Press)

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Dr.ANUPA DIXIT M.D.(PATH) Consultant Pathologist & Lab Director

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| CID            | : 2228119510                 |
|----------------|------------------------------|
| Name           | : MR.SANJAY NAMDEO SHELAR    |
| Age / Gender   | :52 Years / Male             |
| Consulting Dr. | : -                          |
| Reg. Location  | : Andheri West (Main Centre) |



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Collected Reported :08-Oct-2022 / 08:56 :08-Oct-2022 / 13:02

# MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO

| PARAMETER                      | RESULTS | BIOLOGICAL REF RANGE | METHOD           |
|--------------------------------|---------|----------------------|------------------|
| BILIRUBIN (TOTAL), Serum       | 0.79    | 0.1-1.2 mg/dl        | Colorimetric     |
| BILIRUBIN (DIRECT), Serum      | 0.34    | 0-0.3 mg/dl          | Diazo            |
| BILIRUBIN (INDIRECT), Serum    | 0.45    | 0.1-1.0 mg/dl        | Calculated       |
| TOTAL PROTEINS, Serum          | 6.8     | 6.4-8.3 g/dL         | Biuret           |
| ALBUMIN, Serum                 | 4.3     | 3.5-5.2 g/dL         | BCG              |
| GLOBULIN, Serum                | 2.5     | 2.3-3.5 g/dL         | Calculated       |
| A/G RATIO, Serum               | 1.7     | 1 - 2                | Calculated       |
| SGOT (AST), Serum              | 39.4    | 5-40 U/L             | NADH (w/o P-5-P) |
| SGPT (ALT), Serum              | 64.2    | 5-45 U/L             | NADH (w/o P-5-P) |
| GAMMA GT, Serum                | 57.0    | 3-60 U/L             | Enzymatic        |
| ALKALINE PHOSPHATASE,<br>Serum | 89.2    | 40-130 U/L           | Colorimetric     |

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| CID#           | : 2228119510                 | SID#       | : 177801784346        | 0 |
|----------------|------------------------------|------------|-----------------------|---|
| Name           | : MR.SANJAY NAMDEO SHELAR    | Registered | : 08-Oct-2022 / 08:47 | R |
| Age / Gender   | : 52 Years/Male              | Collected  | : 08-Oct-2022 / 08:47 | т |
| Consulting Dr. | :-                           | Reported   | : 08-Oct-2022 / 16:12 |   |
| Reg.Location   | : Andheri West (Main Centre) | Printed    | : 08-Oct-2022 / 16:16 |   |
| Consulting Dr. | :-                           | Reported   | : 08-Oct-2022 / 16:12 | т |

# **X-RAY CHEST PA VIEW**

Both lung fields are clear.

Both costo-phrenic angles are clear.

No hilar abnormality is seen.

The cardiac size and shape are within normal limits.

The aorta shows normal radiological features.

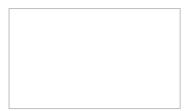
The trachea is central.

The domes of diaphragm are normal in position and outlines.

The skeleton under review appears normal.

# **IMPRESSION:**

# NO SIGNIFICANT ABNORMALITY IS DETECTED.



\*\*\* End Of Report \*\*\*

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**Dr.R K BHANDARI** M.D., D.M.R.E CONSULTANT RADIOLOGIST

CENTRAL PROCESSING LAB: 2<sup>nd</sup> Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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| Name           | : MR.SANJAY NAMDEO SHELAR    | Registered | : 08-Oct-2022 / 08:47 | R |
| Age / Gender   | : 52 Years/Male              | Collected  | : 08-Oct-2022 / 08:47 | т |
| Consulting Dr. | :-                           | Reported   | : 10-Oct-2022 / 11:01 |   |
| Reg.Location   | : Andheri West (Main Centre) | Printed    | : 10-Oct-2022 / 11:05 |   |

# PHYSICAL EXAMINATION REPORT

# **History and Complaints:**

Asymptomatic

# **EXAMINATION FINDINGS:**

| Height (cms):          | 171 cms                    | Weight (kg): | 93 kgs       |
|------------------------|----------------------------|--------------|--------------|
| Temp (0c):             | Afebrile                   | Skin:        | Normal       |
| Blood Pressure (mm/hg) | : 160/110,150/110 mm of Hg | Nails:       | Normal       |
| Pulse:                 | 68/min                     | Lymph Node:  | Not palpable |

# Systems

| Cardiovascular: | S1S2 audible                |
|-----------------|-----------------------------|
| Respiratory:    | AEBE                        |
| Genitourinary:  | NAD                         |
| GI System:      | Liver & Spleen not palpable |
| CNS:            | NAD                         |

# **IMPRESSION:**

HbA1C=6.2%,(Prediabetic level), USG shows Left simple renal cortical cyst, Grade I fatty liver, 2-D Echo shows Mild concentric LVH, Grade II LVDD, Rest reports appears to be in normal limits

# **ADVICE:**

Kindly consult your family physician with all your reports, Therapeutic life style modification is advised, Regular exercise for 30-40 minutes is recoomended.

# **CHIEF COMPLAINTS:**

| 1) | Hypertension: | NO |
|----|---------------|----|
| 2) | IHD           | NO |
| 3) | Arrhythmia    | NO |

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| Reg.Location   | : Andheri West (Main Centre) | Printed    | : 10-Oct-2022 / 11:05 |   |

| 4)  | Diabetes Mellitus                    | NO |
|-----|--------------------------------------|----|
| 5)  | Tuberculosis                         | NO |
| 6)  | Asthama                              | NO |
| 7)  | Pulmonary Disease                    | NO |
| 8)  | Thyroid/ Endocrine disorders         | NO |
| 9)  | Nervous disorders                    | NO |
| 10) | GI system                            | NO |
| 11) | Genital urinary disorder             | NO |
| 12) | Rheumatic joint diseases or symptoms | NO |
| 13) | Blood disease or disorder            | NO |
| 14) | Cancer/lump growth/cyst              | NO |
| 15) | Congenital disease                   | NO |
| 16) | Surgeries                            | NO |
| 17) | Musculoskeletal System               | NO |

# **PERSONAL HISTORY:**

| 1) | Alcohol    | Occasionally |
|----|------------|--------------|
| 2) | Smoking    | NO           |
| 3) | Diet       | Mixed        |
| 4) | Medication | NO           |
|    |            |              |



# \*\*\* End Of Report \*\*\*

Sangerta Manwani

Dr.Sangeeta Manwani M.B.B.S. Reg.No.71083

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