

## ECHO REPORT

Name: SANAL.S

Age/Sex:29Y/M

Date:08/10/2022

### Left Ventricle:-

|      | Diastole | Systole |
|------|----------|---------|
| IVS  | 1.06cm   | 1.15cm  |
| LV   | 4.22cm   | 2.88cm  |
| LVPW | 1.09cm   | 1.20cm  |

EF - 74% FS - 36%

| AO     | LA     |
|--------|--------|
| 3.44cm | 3.68cm |

| PV  | -      | 0.93m/s |
|-----|--------|---------|
| AV  | -      | 1.36m/s |
| MVE | -      | 0.86m/s |
| MVA | 92 - C | 0.66m/s |
| E/A | 100    | 1.20    |

### IMPRESSION:-

- Normal chambers dimensions
- No RWMA
- Good LV systolic function
- No diastolic dysfunction
- > No AS, AR, MS, MR, TR, PAH
- No Vegetation/clot/effusion
- IAS/IVS intact

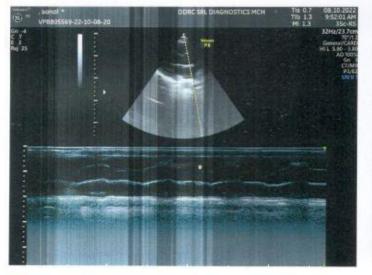
Consultant Cardiologist

DR. J. PRABAKARAN Consulting Cardiologist TCMC Reg No: 72354

# DDRC SRL Diagnostics Private Limited

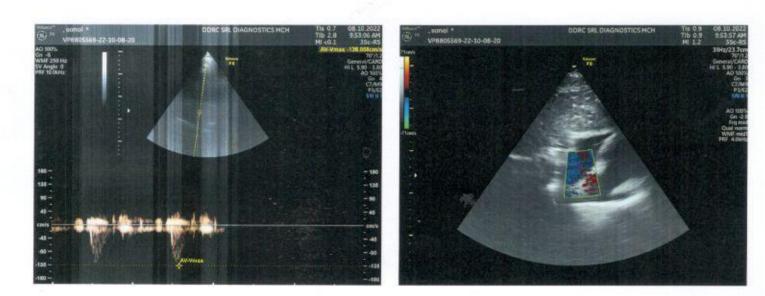
Aster Square, Medical Co.'ege P.O., Trivandrum - 695 011. Ph: 0471 - 2551125. e-mail: info@ddrcsrl.com, web: www.ddrcsrl.com Corp. Office: DDRC SRL Tower, G-131, Panampilly Nagar, Ernakulam, Kerala - 682 036. Web: www.ddrcsrl.com ID: VP8805569-22-10-08-20

Exam Date: 08.10.2022 9:51:38 AM

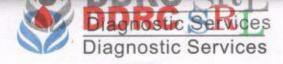


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### MEDICAL EXAMINATION REPORT (MER)

F/M

If the examinee is suffering from an acute life threatening situation, you may be obliged to disclose the result of the medical examination to the examinee.

Mr./Mrs./Ms.

- 1. Name of the examinee
- 2. Mark of Identification
- 3. Age/Date of Birth
- 4. Photo ID Checked
- (Mole/Scan'any other (specify location)):

2<sup>nd</sup> Reading

San al .

(Passport/Election Card/PAN Card/Driving Licence/Company ID)

### PHYSICAL DETAILS:

| a Height (cms)                         | h. Weight (Kgs)    | c. Girth of A | bdomen (ems) |
|--|--------------------|---------------|--------------|
| a. Height<br>d. Pulse Rate 29/m (/Min) | e. Blood Pressure: | Systolic      | Diastolic    |
|  | 1" Reading         | 110           | 80 .         |

### FAMILY HISTORY:

| Relation   | Age if Living | Health Status    | If deceased, age at the time and cause |
|------------|---------------|------------------|--|
| Father     |               |                  | Sector Sector                          |
| Mother     |               |                  |  |
| Brother(s) |               | No. States       |  |
| Sister(s)  | Glob          | al Diannostics N | etwork                                 |

## HABITS & ADDICTIONS: Does Global Diagnostics Networks?

Tobacco in any form Sedative



Ar **Diagnosticn Services** and entirely free from any mental or Physical impairment or deformity It No, please attach details.

b. Have you undergone/been advised any surgical procedure?

### Have you ever suffered from any of the following?

- Psychological Disorders or any kind of disorders of the Nervous System<sup>9</sup>
- · Any disorders of Respiratory system?
- Any Cardiac or Circulatory Disorders?
- · Enlarged glands or any form of Cancer/Tumour'
- · Any Musculoskeletal disorder?

- c. During the last 5 years have you been medically examined, received any advice or treatment or admitted to any hospital?
- d. Have you lost or gained weight in past 12 months?

Alcohol

- Any disorder of Gastrointestinal System?
- Unexplained recurrent or persistent lever, and/or weight loss
- Have you been tested for HIV/HBsAg / HCV before? If yes attach reports
- · Are you presently taking medication of any kind?

## DDRC SR Diagnostics Private Limited

Corp. Office: DDRC SRL Tower, G- 131, Panampilly Nagar, Ernakulam - 682 036 Ph No. 0484-2318223, 2318222, e-mail: info@ddrcsrl.com, web: www.ddrcsrl.com

Corpt Office: DDRC SRL Tower, G-131, Panampilly Nagar, Ernakulam - 682 036. Ph No. 2310688; 2318222. web: www.ddrcsrl.com

Global Diagnostics Network

Any disorders of Urinary System?

## FOR FEMALE CANDIDATES ONLY

- a. Is there any history of diseases of breast/genital YIN
- b. Is there any history of abnormal PAP
- Smear/Mammogram/USG of Pelvis or any other Y/N tests? (If yes attach reports)
- c. Do you suspect any disease of Uterus, Cervix or Ovaries!

# CONFIDENTAIL COMMENTS FROM MEDICAL EXAMINER

- Was the examinee co-operative?
- Is there anything about the examine's health, lifestyle that might affect him/her in the near future with regard to his/her job?
- Are there any points on which you suggest further information be obtained?
- Based on your clinical impression, please provide your suggestions and recommendations below:
- Do you think he/she is MEDICALLY FIT or UNFIT for employment.

# MEDICAL EXAMINER'S DECLARATION

I hereby confirm that I have examined the above individual after verification of his/her identity and the findings stated above are true and correct to the best of my knowledge.

Name & Signature of the Medical Examiner

Seal of Medical Examiner

ICER MEDICAL nes Pvt. 1td. DDRC SRL D.Jgo lege P.O., Tvm Aster Square, Medico. Reg. No. 77656

Name & Seal of DDRC SRL Branch

Date & Time

CORALCOL 08/10/202

OPEZ

# DDRC SR Diagnostics Private Limited

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- Any disorder of the Eyes, Ears, Nose, Throat or Mouth & Skin
- d. Do you have any history of miscurrage/ abortion or MTP
- e. For Parous Women, were there any complication during pregnancy such as gestational diabetes, hypertension etc
- f. Are you now pregnant? If yes, how many months?

a

Y/N

COLOUR DOPPLER ULTRASOUND SCANNING ECHO



### RADIOLOGY DIVISION

| Acc no:4182VJ004511 | Name: Mr. Sanal S | Age: 29 y | Sex: Male | Date:08.10.22 |
|---------------------|-------------------|-----------|-----------|---------------|
|                     |                   |           |           |               |

### US SCAN WHOLE ABDOMEN

**LIVER** is normal in size (12.5 cm). Margins are regular. Hepatic parenchyma shows normal echogenicity. No focal lesions seen. No dilatation of intrahepatic biliary radicles. CBD is not dilated. Portal vein is normal in caliber (10.3 mm).

GALL BLADDER is partially distended and grossly normal. No pericholecystic fluid seen.

SPLEEN is normal in size (8.8 cm) and parenchymal echotexture. No focal lesion seen.

PANCREAS Part of head and body visualized, appears normal in size and parenchymal echotexture. Pancreatic duct is not dilated.

**RIGHT KIDNEY** is normal in size (9.2 x 3.9 cm) and shows normal parenchymal echotexture. Cortico medullary differentiation is maintained. Parenchymal thickness is normal. No echogenic focus with shadowing suggestive of renal calculi seen. No dilatation of pelvicalyceal system seen. Ureter is not dilated. Perinephric spaces are normal.

**LEFT KIDNEY** is normal in size (9.8 x 5.1 cm) and shows normal parenchymal echotexture. Cortico medullary differentiation is maintained. Parenchymal thickness is normal. No echogenic focus with shadowing suggestive of renal calculi seen. No dilatation of pelvicalyceal system seen. Ureter is not dilated. Perinephric spaces are normal.

PARAAORTIC AREA obscured due to bowel air.

URINARY BLADDER is partially distended, normal in wall thickness, lumen clear.

PROSTATE is normal in size (vol -15.4 cc) and shows normal echotexture. No focal lesion seen.

No ascites or pleural effusion.

Gaseous distension of bowel loops noted. No obvious bowel wall thickening seen sonologically. CONCLUSION:-

> No significant abnormality detected in present study.

Dr. Nisha Unni MD , DNB ( RD ) Consultant radiologist.

Thanks, your feedback will be appreciated. (Please bring relevant investigation reports during all visits). Because of technical and technological limitations complete accuracy cannot be assured on imaging. Suggested correlation with clinical findings and other relevant investigations consultations, and if required repeat imaging recommended in the event of controversities. AR

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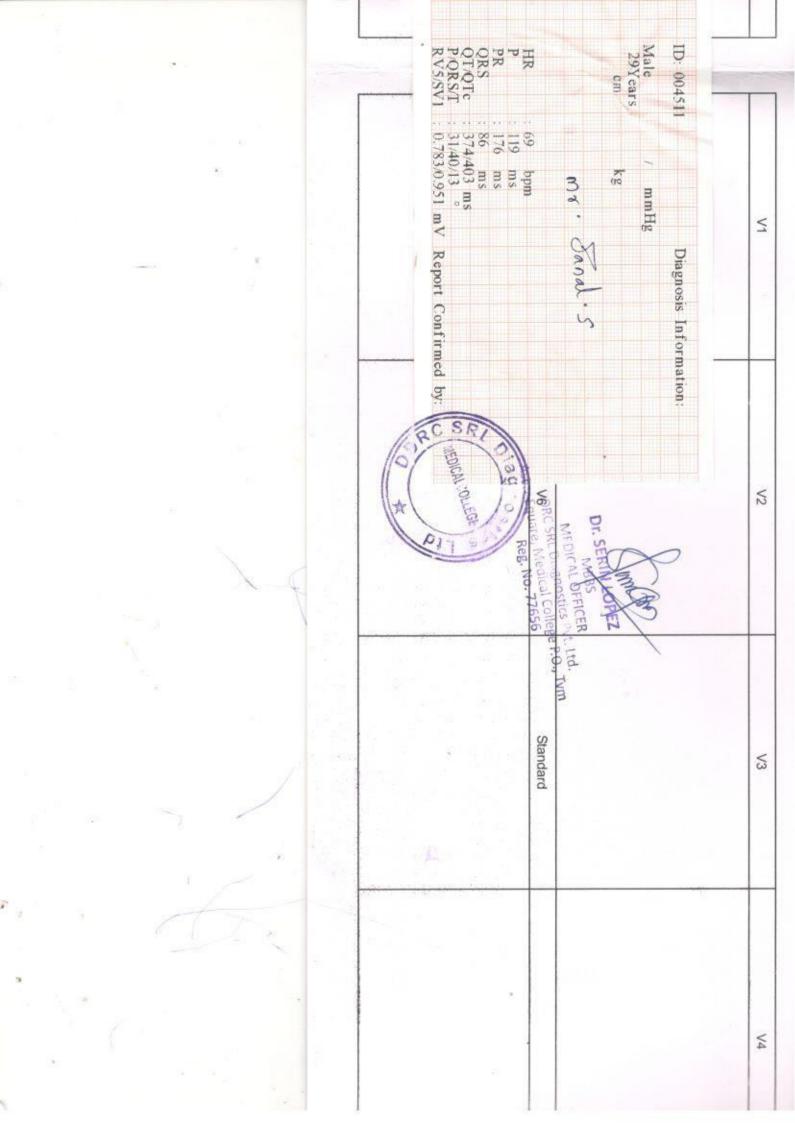




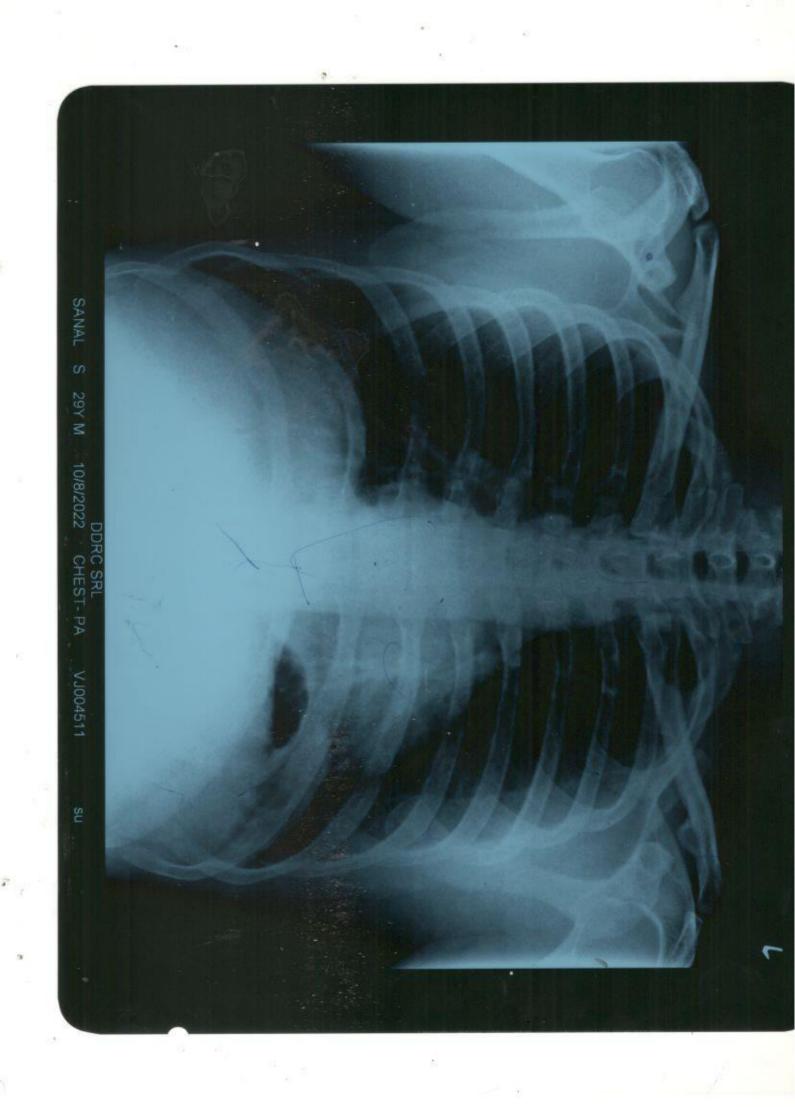












DATE:08/10/2022

# NAME : MR SANAL S

**Diagnostic Services** 

### CHEST X-RAY REPORT

CHEST X-RAY PA VIEW

: Trachea central No cardiomegaly Normal vascularity No parenchymal lesion. Costophrenic and cardiophrenic angles clear

AGE:29/M

> IMPRESSION

### : Normal Chest Xray

ELECTRO CARDIOGRAM

NSR :69/minute No evidence of ischaemia.

IMPRESSION

: Normal Ecg.



MEDICAL OFFICER DDRC SPL Diagnostics Ivit, Ltd. Aster Square, Medical College P.O., Tvm

Reg. No. 77656 Reg No 77656 DDRC SRL DIAGNOSTICS LTD



F701A, LADO SARAI, NEW DELHI, SOUTH DELHI, DELHI,

SOUTH DELHI 110030

CLIENT CODE : CA00010147 CLIENT'S NAME AND ADDRESS : MEDIWHEEL ARCOFEMI HEALTHCARE LIMITED





DDRC SRL DIAGNOSTICS ASTER SQUARE BUILDING, ULLOOR, MEDICAL COLLEGE P.O TRIVANDRUM, 695011 KERALA, INDIA Tel : 93334 93334, Fax : CIN - U85190MH2006PTC161480 Email : customercare.ddrc@srl.in

**Biological Reference Interval** Units

| DELHI INDIA<br>8800465156   | Tel : 93334 93334, Fax : CIN - U85190MH2006PTC161480<br>Email : customercare.ddrc@srl.in |                              |  |
|-----------------------------|--|------------------------------|--|
| PATIENT NAME : MR SANAL S   |  | PATIENT ID : MRSAM0810934182 |  |
| ACCESSION NO : 4182VJ004511 | AGE : 29 Years SEX : Male  |                              |  |
| DRAWN :                     | RECEIVED : 08/10/2022 10:15  | REPORTED : 10/10/2022 13:07  |  |
| REFERRING DOCTOR : SELF     |  | CLIENT PATIENT ID :          |  |

Results

**Test Report Status** 

MEDIWHEEL HEALTH CHECKUP BELOW 40(M)2DECHO

OPTHAL

OPTHAL

**REPORT ATTACHED** 

**\* PHYSICAL EXAMINATION** 

PHYSICAL EXAMINATION

REPORT ATTACHED





| DIDRC SRL<br>Diagnostic Services<br>Diagnostic Services<br>EXECUTIONE CADODIAT<br>CLIENT'S NAME AND ADDRESS :<br>MEDIWHEEL ARCOFEMI HEALTHCARE LIMIT<br>F701A, LADO SARAI, NEW DELHI,<br>SOUTH DELHI, DELHI,<br>SOUTH DELHI 110030<br>DELHI INDIA<br>8800465156 | Patient Ref. No. 666000001844 | LABORATORY SERVICE<br>Cert. No. MC-2812<br>DDRC SRL DIAGNOSTICS<br>ASTER SQUARE BUILDING, ULLOOR,<br>MEDICAL COLLEGE P.O<br>TRIVANDRUM, 695011<br>KERALA, INDIA<br>Tel : 93334 93334, Fax : CIN - U85190MH2006PTC161480<br>Email : customercare.ddrc@srl.in |
|---|-------------------------------|---|
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| DRAWN :   | RECEIVED : 08/10/2022 10:     | 15 REPORTED : 10/10/2022 13:07  |
| REFERRING DOCTOR : SELF   |                               | CLIENT PATIENT ID :   |
| Test Report Status  | Results                       | Units   |
| MEDIWHEEL HEALTH CHECKUP BE   | LOW 40(M)2DECHO               |   |
| * BUN/CREAT RATIO   |                               |   |
| BUN/CREAT RATIO   | 10.4                          |   |
| CREATININE, SERUM   |                               |   |
| CREATININE  | 1.12                          | 0.9 - 1.3 mg/dL   |
| * GLUCOSE, POST-PRANDIAL, PLA   | SMA                           |   |
| GLUCOSE, POST-PRANDIAL, PLASMA  | 74                            | Diabetes Mellitus : > or = 200 mg/dL<br>mg/dL.<br>Impaired Glucose tolerance/<br>Prediabetes : 140 to 199 mg/dL.<br>Hypoglycemia : < 55 mg/dL.  |
| GLUCOSE, FASTING, PLASMA  |                               |   |
| GLUCOSE, FASTING, PLASMA  | 86                            | Diabetes Mellitus : > or = 126 mg/dL<br>mg/dL.<br>Impaired fasting Glucose/<br>Prediabetes : 101 to 125 mg/dL.<br>Hypoglycemia : < 55 mg/dL.  |
| * GLYCOSYLATED HEMOGLOBIN, E  | EDTA WHOLE BLOOD              |   |
| GLYCOSYLATED HEMOGLOBIN (HBA10  | C) 5.6                        | Normal : 4.0 - 5.6 %. %<br>Non-diabetic level : $< 5.7\%$ .<br>More stringent goal : $< 6.5\%$ .<br>General goal : $< 7\%$ .<br>Less stringent goal : $< 8\%$ .<br>Glycemic targets in CKD :-<br>If eGFR > 60 : $< 7\%$ .<br>If eGFR < 60 : $7 - 8.5\%$ .   |
| MEAN PLASMA GLUCOSE   | 114.0                         | mg/dL   |
| * CORONARY RISK PROFILE (LIPI   | D PROFILE), SERUM             |   |
| CHOLESTEROL   | 199                           | Desirable cholesterol level mg/dL<br>< 200<br>Borderline high cholesterol<br>200 - 239<br>High cholesterol<br>> / = 240   |
| TRIGLYCERIDES   | 72                            | Normal : < 150 mg/dL<br>High : 150-199<br>Hypertriglyceridemia : 200-499<br>Very High: > 499  |
| HDL CHOLESTEROL   | 40                            | 40 - 60 mg/dL   |







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MEDIWHEEL ARCOFEMI HEALTHCARE LIMITED F701A, LADO SARAI, NEW DELHI, SOUTH DELHI, DELHI, SOUTH DELHI 110030 DELHI INDIA 8800465156



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REPORTED :

### PATIENT NAME : MR SANAL S

ENT ID : MRSAM0810934182

| ACCESSION NO : | 4182VJ004511 | AGE : | 29 Years     | SEX : Male  |
|----------------|--------------|-------|--------------|-------------|
| DRAWN :        |              | RECE  | IVED : 08/10 | /2022 10:15 |

Patient Ref. No. 666000001844063

CLIENT PATIENT ID :

10/10/2022 13:07

REFERRING DOCTOR : SELF

| Test Report Status                    | Results |      |  | Units |
|---------------------------------------|---------|------|--|-------|
|                                       |         |      |  |       |
| DIRECT LDL CHOLESTEROL                | 138     | High | Adult Optimal : < 100<br>Near optimal : 100 - 129<br>Borderline high : 130 - 159<br>High : 160 - 189<br>Very high : > or = 190   | mg/dL |
| NON HDL CHOLESTEROL                   | 159     | High | Desirable: Less than 130<br>Above Desirable: 130 - 159<br>Borderline High: 160 - 189<br>High: 190 - 219<br>Very high: > or = 220 | mg/dL |
| CHOL/HDL RATIO                        | 5.0     | High | 3.3-4.4 Low Risk<br>4.5-7.0 Average Risk<br>7.1-11.0 Moderate Risk<br>> 11.0 High Risk   |       |
| LDL/HDL RATIO                         | 3.5     | High | 0.5 - 3.0 Desirable/Low Risk<br>3.1 - 6.0 Borderline/Moderate<br>>6.0 High Risk  | Risk  |
| VERY LOW DENSITY LIPOPROTEIN          | 14.4    |      | Desirable value :<br>10 - 35   | mg/dL |
| * LIVER FUNCTION TEST WITH GGT        |         |      |  |       |
| BILIRUBIN, TOTAL                      | 0.91    |      | < 1.1  | mg/dL |
| BILIRUBIN, DIRECT                     | 0.28    |      | < 0.31   | mg/dL |
| BILIRUBIN, INDIRECT                   | 0.63    | High | 0.00 - 0.60  | mg/dL |
| TOTAL PROTEIN                         | 7.1     |      | Ambulatory : 6.4 - 8.3<br>Recumbant : 6 - 7.8  | g/dL  |
| ALBUMIN                               | 4.6     |      | 3.5 - 5.2  | g/dL  |
| GLOBULIN                              | 2.5     |      | 2.0 - 4.0<br>Neonates -<br>Pre Mature:<br>0.29 - 1.04  | g/dL  |
| ALBUMIN/GLOBULIN RATIO                | 1.9     |      | 1.00 - 2.00  | RATIO |
| ASPARTATE AMINOTRANSFERASE (AST/SGOT) | 20      |      | < 40   | U/L   |
| ALANINE AMINOTRANSFERASE (ALT/SGPT)   | 23      |      | < 45   |       |
| ALKALINE PHOSPHATASE                  | 55      |      | 40 -130  | U/L   |
| GAMMA GLUTAMYL TRANSFERASE (GGT)      | 15      |      | < 60   | U/L   |
| TOTAL PROTEIN, SERUM                  |         |      |  |       |
| TOTAL PROTEIN                         | 7.1     |      | Ambulatory : 6.4 - 8.3<br>Recumbant : 6 - 7.8  | g/dL  |
| URIC ACID, SERUM                      |         |      |  |       |
| URIC ACID                             | 5.9     |      | 3.4 - 7.0  | mg/dL |
| ABO GROUP & RH TYPE, EDTA WHOLE BLOOD |         |      |  |       |





LABORATORY SERVICES

PATIENT ID :



CLIENT CODE : CA00010147 CLIENT'S NAME AND ADDRESS : MEDIWHEEL ARCOFEMI HEALTHCARE LIMITED

Patient Ref. No. 66600001844063



LABORATORY SERVICES

MRSAM0810934182

DDRC SRL DIAGNOSTICS ASTER SQUARE BUILDING, ULLOOR, MEDICAL COLLEGE P.O TRIVANDRUM, 695011 KERALA, INDIA Tel : 93334 93334, Fax : CIN - U85190MH2006PTC161480 Email : customercare.ddrc@srl.in

PATIENT ID :

### PATIENT NAME : MR SANAL S

F701A, LADO SARAI, NEW DELHI,

SOUTH DELHI, DELHI,

SOUTH DELHI 110030

DELHI INDIA

8800465156

| Test Report Status          | Results                     | Units                       |
|-----------------------------|-----------------------------|-----------------------------|
| REFERRING DOCTOR : SELF     |                             | CLIENT PATIENT ID :         |
| DRAWN :                     | RECEIVED : 08/10/2022 10:15 | REPORTED : 10/10/2022 13:07 |
| ACCESSION NO : 4182VJ004511 | AGE : 29 Years SEX : Male   |                             |

| Test Report Status                           | Results        |      |              | Units      |
|--|----------------|------|--------------|------------|
| ABO GROUP                                    | TYPE A         |      |              |            |
| RH TYPE                                      | POSITIVE       |      |              |            |
|  | POSITIVE       |      |              |            |
|  | 15 5           |      | 12.0 17.0    | - / -11    |
| HEMOGLOBIN                                   | 15.5           |      | 13.0 - 17.0  | g/dL       |
| RED BLOOD CELL COUNT                         | 5.27           |      | 4.5 - 5.5    | mil/µL     |
| WHITE BLOOD CELL COUNT                       | 6.09           |      | 4.0 - 10.0   | thou/µL    |
| PLATELET COUNT                               | 238            |      | 150 - 410    | thou/µL    |
| RBC AND PLATELET INDICES                     |                |      |              |            |
| HEMATOCRIT                                   | 46.4           |      | 40 - 50      | %          |
| MEAN CORPUSCULAR VOL                         | 88.0           |      | 83 - 101     | fL         |
| MEAN CORPUSCULAR HGB.                        | 29.4           |      | 27.0 - 32.0  | pg         |
| MEAN CORPUSCULAR HEMOGLOBIN<br>CONCENTRATION | 33.4           |      | 31.5 - 34.5  | g/dL       |
| RED CELL DISTRIBUTION WIDTH                  | 15.4           | High | 11.6 - 14.0  | %          |
| MEAN PLATELET VOLUME                         | 9.4            |      | 6.8 - 10.9   | fL         |
| WBC DIFFERENTIAL COUNT - NLR                 |                |      |              |            |
| SEGMENTED NEUTROPHILS                        | 47             |      | 40 - 80      | %          |
| ABSOLUTE NEUTROPHIL COUNT                    | 2.86           |      | 2.0 - 7.0    | thou/µL    |
| LYMPHOCYTES                                  | 39             |      | 20 - 40      | %          |
| ABSOLUTE LYMPHOCYTE COUNT                    | 2.38           |      | 1 - 3        | thou/µL    |
| NEUTROPHIL LYMPHOCYTE RATIO (NLR)            | 1.2            |      |              |            |
| EOSINOPHILS                                  | 6              |      | 1 - 6        | %          |
| ABSOLUTE EOSINOPHIL COUNT                    | 0.37           |      | 0.02 - 0.50  | thou/µL    |
| MONOCYTES                                    | 8              |      | 2 - 10       | %          |
| ABSOLUTE MONOCYTE COUNT                      | 0.49           |      | 0.20 - 1.00  | thou/µL    |
| BASOPHILS                                    | 0              |      | 0 - 2        | %          |
| ABSOLUTE BASOPHIL COUNT                      | 0.0            |      |              | thou/µL    |
| ERYTHRO SEDIMENTATION RATE, BLOOD            |                |      |              |            |
| SEDIMENTATION RATE (ESR)                     | 8              |      | 0 - 14       | mm at 1 hr |
| STOOL: OVA & PARASITE                        | RESULT PENDING | ì    |              |            |
| * SUGAR URINE - POST PRANDIAL                |                |      |              |            |
| SUGAR URINE - POST PRANDIAL                  | NOT DETECTED   |      | NOT DETECTED |            |
| * THYROID PANEL, SERUM                       |                |      |              |            |





|  | DDRC SRL            |
|--|---------------------|
|  | Diagnostic Services |

CLIENT CODE : CA00010147 CLIENT'S NAME AND ADDRESS : MEDIWHEEL ARCOFEMI HEALTHCARE LIMITED

Patient Ref. No. 666000001844063



LABORATORY SERVICES

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REPORTED :

#### PATIENT NAME : MR SANAL S

F701A, LADO SARAI, NEW DELHI,

SOUTH DELHI, DELHI,

SOUTH DELHI 110030

DELHI INDIA

8800465156

PATIENT ID : MRSAM0810934182

10/10/2022 13:07

CLIENT PATIENT ID :

| ACCESSION NO : | 4182VJ004511 | AGE : 29 Years SEX : Male   |  |
|----------------|--------------|-----------------------------|--|
| DRAWN :        |              | RECEIVED : 08/10/2022 10:15 |  |

### REFERRING DOCTOR : SELF

| Test Report Status             | Results      |   | Units      |
|--------------------------------|--------------|---|------------|
| Т3                             | 120.46       | Male and Non-Pregnant : 70<br>Pregnant Trimester-wise<br>1st : 81-190<br>2nd : 100-260<br>3rd : 100-260 | I-204ng/dL |
| Τ4                             | 6.90         | 4.6 - 10.5  | µg/dl      |
| TSH 3RD GENERATION             | 1.840        | 0.550 - 4.780   | µIU/mL     |
| URINE ANALYSIS                 |              |   |            |
| COLOR                          | AMBER        |   |            |
| APPEARANCE                     | CLEAR        |   |            |
| SPECIFIC GRAVITY               | 1.027        | 1.003 - 1.035   |            |
| GLUCOSE                        | NEGATIVE     | NOT DETECTED  |            |
| KETONES                        | NEGATIVE     | NOT DETECTED  |            |
| WBC                            | 0-1          | 0-5   | /HPF       |
| EPITHELIAL CELLS               | 0-1          | 0-5   | /HPF       |
| CHEMICAL EXAMINATION, URINE    |              |   |            |
| PH                             | 6.0          | 4.7 - 7.5   |            |
| PROTEIN                        | NEGATIVE     | NOT DETECTED  |            |
| BLOOD                          | NEGATIVE     | NOT DETECTED  |            |
| BILIRUBIN                      | NOT DETECTED | NOT DETECTED  |            |
| UROBILINOGEN                   | NORMAL       | NORMAL  |            |
| NITRITE                        | NEGATIVE     | NOT DETECTED  |            |
| MICROSCOPIC EXAMINATION, URINE |              |   |            |
| RED BLOOD CELLS                | NOT DETECTED | NOT DETECTED  | /HPF       |
| CASTS                          | NEGATIVE     |   |            |
| CRYSTALS                       | NEGATIVE     |   |            |
| REMARKS                        | NIL          |   |            |
| * SUGAR URINE - FASTING        |              |   |            |
| SUGAR URINE - FASTING          | NOT DETECTED | NOT DETECTED  |            |

### Interpretation(s)

CREATININE, SERUM-Higher than normal level may be due to:

Blockage in the urinary tract

Kidney problems, such as kidney damage or failure, infection, or reduced blood flow
 Loss of body fluid (dehydration)

Muscle problems, such as breakdown of muscle fibers
Problems during pregnancy, such as seizures (eclampsia)), or high blood pressure caused by pregnancy (preeclampsia)



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MEDIWHEEL ARCOFEMI HEALTHCARE LIMITED

CLIENT CODE : CA00010147

F701A, LADO SARAI, NEW DELHI,

SOUTH DELHI, DELHI,

SOUTH DELHI 110030

DELHI INDIA

8800465156

CLIENT'S NAME AND ADDRESS :





DDRC SRL DIAGNOSTICS ASTER SQUARE BUILDING, ULLOOR, MEDICAL COLLEGE P.O TRIVANDRUM, 695011 KERALA, INDIA Tel : 93334 93334, Fax : CIN - U85190MH2006PTC161480 Email : customercare.ddrc@srl.in

| ACCESSION NO : 4182VJ004511 | AGE : 29 Years SEX : Male   |                             |  |
|-----------------------------|-----------------------------|-----------------------------|--|
| DRAWN :                     | RECEIVED : 08/10/2022 10:15 | REPORTED : 10/10/2022 13:07 |  |
| REFERRING DOCTOR : SELF     |                             | CLIENT PATIENT ID :         |  |
| Test Report Status          | Results                     | Units                       |  |

Lower than normal level may be due to:

Myasthenia Gravis

Muscular dystrophy GLUCOSE, POST-PRANDIAL, PLASMA-

ADA Guidelines for 2hr post prandial glucose levels is only after ingestion of 75grams of glucose in 300 ml water, over a period of 5 minutes. GLUCOSE, FASTING, PLASMA-

ADA 2012 guidelines for adults as follows:

Pre-diabetics: 100 - 125 mg/dL Diabetic: > or = 126 mg/dL

(Ref: Tietz 4th Edition & ADA 2012 Guidelines) GLYCOSYLATED HEMOGLOBIN, EDTA WHOLE BLOOD-

Glycosylated hemoglobin (GHb) has been firmly established as an index of long-term blood glucose concentrations and as a measure of the risk for the development of complications in patients with diabetes mellitus. Formation of GHb is essentially irreversible, and the concentration in the blood depends on both the life span of the red blood cell (average 120 days) and the blood glucose concentration. Because the rate of formation of GHb is directly proportional to the concentration of glucose in the blood,

the GHb concentration represents the integrated values for glucose over the preceding 6-8 weeks. Any condition that alters the life span of the red blood cells has the potential to alter the GHb level. Samples from patients with hemolytic anemias will exhibit decreased glycated hemoglobin values due to the shortened life span of the red cells. This effect will depend upon the severity of the anemia. Samples from patients with polycythemia or post-splenectomy may exhibit increased glycated hemoglobin values due to a somewhat longer life span of the red cells.

Glycosylated hemoglobins results from patients with HbSS, HbCC, and HbSC and HbC must be interpreted with caution, given the pathological processes, including anemia, increased red cell turnover, transfusion requirements, that adversely impact HbA1c as a marker of long-term glycemic control. In these conditions, alternative forms of testing such as glycated serum protein (fructosamine) should be considered.

"Targets should be individualized; More or less stringent glycemic goals may be appropriate for individual patients. Goals should be individualized based on duration of diabetes, age/life expectancy, comorbid conditions, known CVD or advanced microvascular complications, hypoglycemia unawareness, and individual patient considerations."

References

1. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics, edited by Carl A Burtis, Edward R.Ashwood, David E Bruns, 4th Edition, Elsevier publication, 2006, 879-884.

 Forsham PH. Diabetes Mellitus: A rational plan for management. Postgrad Med 1982, 71,139-154.
 Mayer TK, Freedman ZR: Protein glycosylation in Diabetes Mellitus: A review of laboratory measurements and their clinical utility. Clin Chim Acta 1983, 127, 147-184. CORONARY RISK PROFILE (LIPID PROFILE), SERUM-

Serum cholesterol is a blood test that can provide valuable information for the risk of coronary artery disease This test can help determine your risk of the build up of plaques in your arteries that can lead to narrowed or blocked arteries throughout your body (atherosclerosis). High cholesterol levels usually don't cause any signs or symptoms, so a cholesterol test is an important tool. High cholesterol levels often are a significant risk factor for heart disease and important for diagnosis of hyperlipoproteinemia, atherosclerosis, hepatic and thyroid diseases.

Serum Triglyceride are a type of fat in the blood. When you eat, your body converts any calories it doesn't need into triglycerides, which are stored in fat cells. High triglyceride levels are associated with several factors, including being overweight, eating too many sweets or drinking too much alcohol, smoking, being sedentary, or having diabetes with elevated blood sugar levels. Analysis has proven useful in the diagnosis and treatment of patients with diabetes mellitus, nephrosis, liver obstruction, other diseases involving lipid metabolism, and various endocrine disorders. In conjunction with high density lipoprotein and total serum cholesterol, a triglyceride determination provides valuable information for the assessment of coronary heart disease risk. It is done in fasting state.

High-density lipoprotein (HDL) cholesterol. This is sometimes called the ""good"" cholesterol because it helps carry away LDL cholesterol, thus keeping arteries open and blood flowing more freely.HDL cholesterol is inversely related to the risk for cardiovascular disease. It increases following regular exercise, moderate alcohol consumption and with oral estrogen therapy. Decreased levels are associated with obesity, stress, cigarette smoking and diabetes mellitus.

SERUM LDL The small dense LDL test can be used to determine cardiovascular risk in individuals with metabolic syndrome or established/progressing coronary artery disease, individuals with triglyceride levels between 70 and 140 mg/dL, as well as individuals with a diet high in trans-fat or carbohydrates. Elevated sdLDL levels are associated with metabolic syndrome and an 'atherogenic lipoprotein profile', and are a strong, independent predictor of cardiovascular disease. Elevated levels of LDL arise from multiple sources. A major factor is sedentary lifestyle with a diet high in saturated fat. Insulin-resistance and pre-diabetes have also been implicated, as has genetic predisposition. Measurement of sdLDL allows the clinician to get a more comprehensive picture of lipid risk factors and tailor treatment accordingly. Reducing LDL levels will reduce the risk of CVD and MI.

Non HDL Cholesterol - Adult treatment panel ATP III suggested the addition of Non-HDL Cholesterol as an indicator of all atherogenic lipoproteins (mainly LDL and VLDL). NICE guidelines recommend Non-HDL Cholesterol measurement before initiating lipid lowering therapy. It has also been shown to be a better marker of risk in both primary and secondary prevention studies.

Recommendations:

Results of Lipids should always be interpreted in conjunction with the patient's medical history, clinical presentation and other findings.

NON FASTING LIPID PROFILE includes Total Cholesterol, HDL Cholesterol and calculated non-HDL Cholesterol. It does not include triglycerides and may be best used in patients for whom fasting is difficult. TOTAL PROTEIN, SERUM-

Serum total protein, also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and



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| Test Report Status   | Results                               |   | Units               |
|--|---------------------------------------|---|---------------------|
| REFERRING DOCTOR : SELF  |                                       | CLIENT PATIENT ID   | :                   |
| DRAWN :  | RECEIVED : 08/10/2022 10:15           | REPORTED : 10/10/202  | 22 13:07            |
| ACCESSION NO : <b>4182VJ004511</b>   | AGE : 29 Years SEX : Male             |   |                     |
| PATIENT NAME : MR SANAL S  |                                       | PATIENT ID :  | MRSAM0810934182     |
| CLIENT CODE : CA00010147<br>CLIENT'S NAME AND ADDRESS :<br>MEDIWHEEL ARCOFEMI HEALTHCARE LIMI<br>F701A, LADO SARAI, NEW DELHI,<br>SOUTH DELHI, DELHI,<br>SOUTH DELHI 110030<br>DELHI INDIA<br>8800465156 | TED AE<br>TED ME<br>TRJ<br>KEI<br>Tel | Cert. No. MC-281<br>RC SRL DIAGNOSTICS<br>FER SQUARE BUILDING, ULLOOR,<br>DICAL COLLEGE P.O<br>VANDRUM, 695011<br>RALA, INDIA<br>: 93334 93334, Fax : CIN - U85190M<br>ail : customercare.ddrc@srl.in |                     |
| <b>DDRC SRL</b><br>Diagnostic Services   | Patient Ref. No. 666000001844063      | Manufally Dear  | LABORATORY SERVICES |
| DDRC SRL   |                                       |   | LABORATORY SERVICES |

globulin

Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstrom's disease Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome, Protein-losing enteropathy etc. URIC ACID, SERUM-

Causes of Increased levels

Dietarv

• High Protein Intake.

Prolonged Fasting,

Rapid weight loss.

Gout

Lesch nyhan syndrome. Type 2 DM. Metabolic syndrome.

Causes of decreased levels

- Low Zinc Intake
- OCP's Multiple Sclerosis

Nutritional tips to manage increased Uric acid levels

Drink plenty of fluids

· Limit animal proteins

High Fibre foods

• Vit C Intake

Antioxidant rich foods

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD-

Blood group is identified by antigens and antibodies present in the blood. Antigens are protein molecules found on the surface of red blood cells. Antibodies are found in plasma. To determine blood group, red cells are mixed with different antibody solutions to give A,B,O or AB.

Disclaimer: "Please note, as the results of previous ABO and Rh group (Blood Group) for pregnant women are not available, please check with the patient records for availability of the same.

The test is performed by both forward as well as reverse grouping methods. BLOOD COUNTS-

The cell morphology is well preserved for 24hrs. However after 24-48 hrs a progressive increase in MCV and HCT is observed leading to a decrease in MCHC. A direct smear is recommended for an accurate differential count and for examination of RBC morphology. RBC AND PLATELET INDICES-

The cell morphology is well preserved for 24hrs. However after 24-48 hrs a progressive increase in MCV and HCT is observed leading to a decrease in MCHC. A direct smear

The optimal threshold of 3.3 for NLR showed a prognostic possibility of clinical symptoms to change from mild to severe in COVID positive patients. When age = 49.5 years old and NLR = 3.3, 46.1% COVID-19 patients with mild disease might become severe. By contrast, when age < 49.5 years old and NLR < 3.3, COVID-19 patients tend to show mild disease.

(Reference to - The diagnostic and predictive role of NLR, d-NLR and PLR in COVID-19 patients ; A.-P. Yang, et al.; International Immunopharmacology 84 (2020) 106504

This ratio element is a calculated parameter and out of NABL scope. ERYTHRO SEDIMENTATION RATE, BLOOD-Erythrocyte sedimentation rate (ESR) is a non - specific phenomena and is clinically useful in the diagnosis and monitoring of disorders associated with an increased production of acute phase reactants. The ESR is increased in pregnancy from about the 3rd month and returns to normal by the 4th week post partum. ESR is influenced by and when there are abnormalities of the red cells such as poixilocytosis, spherocytosis or sickle cells.

Reference :

1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition

Paediatric reference intervals. AACC Press, 7th edition. Edited by S. Soldin
 The reference for the adult reference range is "Practical Haematology by Dacie and Lewis, 10th Edition"

SUGAR URINE - POST PRANDIAL-METHOD: DIPSTICK/BENEDICT'S TEST THYROID PANEL, SERUM-Triiodothyronine T3 , is a thyroid hormone. It affects almost every physiological process in the body, including growth, development, metabolism, body temperature, and heart rate. Production of T3 and its prohormone thyroxine (T4) is activated by thyroid-stimulating hormone (TSH), which is released from the pituitary gland. Elevated concentrations of T3, and T4 in the blood inhibit the production of TSH.

Thyroxine T4, Thyroxine's principal function is to stimulate the metabolism of all cells and tissues in the body. Excessive secretion of thyroxine in the body is

hyperthyroidism, and deficient secretion is called hypothyroidism. Most of the thyroid hormone in blood is bound to transport proteins. Only a very small fraction of the circulating hormone is free and biologically active.

In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.







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DELHI INDIA





LABORATORY SERVICES

DDRC SRL DIAGNOSTICS ASTER SQUARE BUILDING, ULLOOR, MEDICAL COLLEGE P.O TRIVANDRUM, 695011 KERALA, INDIA Tel : 93334 93334, Fax : CIN - U85190MH2006PTC161480 Email : customercare.ddrc@srl.in

| : 29 Years SEX : Male<br>CEIVED : 08/10/2022 10:15 | REPORTED : 10/10/2022 13:07<br>CLIENT PATIENT ID : |
|--|--|
|  | REPORTED : 10/10/2022 13:07                        |
| 29 Years SEX : Male                                |  |
| 20 Verse CEV Male                                  |  |
|  | PATIENT ID : MRSAM08109341                         |
|  | 20.1/  |

TOTAL T4 TSH3G Levels in TOTAL T3 (µg/dL) (µIU/mL) Pregnancy (ng/dL) 6.6 - 12.4 6.6 - 15.5 0.1 - 2.5 0.2 - 3.0 81 - 190 100 - 260 First Trimester 2nd Trimester 3rd Trimester 6.6 - 15.5 0.3 - 3.0 100 - 260 Below mentioned are the guidelines for age related reference ranges for T3 and T4. T3 T4  $$\rm T4$$ (μg/dL) 1-3 day: 8.2 - 19.9 1 Week: 6.0 - 15.9 (ng/dL) New Born: 75 - 260

NOTE: TSH concentrations in apparently normal euthyroid subjects are known to be highly skewed, with a strong tailed distribution towards higher TSH values. This is well documented in the pediatric population including the infant age group. Kindly note: Method specific reference ranges are appearing on the report under biological reference range.

Reference:

1. Burtis C.A., Ashwood E. R. Bruns D.E. Teitz textbook of Clinical Chemistry and Molecular Diagnostics, 4th Edition.

Gowenlock A.H. Varley's Practical Clinical Biochemistry, 6th Edition.
 Behrman R.E. Kilegman R.M., Jenson H. B. Nelson Text Book of Pediatrics, 17th Edition

MICROSCOPIC EXAMINATION, URINE-

Routine urine analysis assists in screening and diagnosis of various metabolic, urological, kidney and liver disorders Protein: Elevated proteins can be an early sign of kidney disease. Urinary protein excretion can also be temporarily elevated by strenuous exercise, orthostatic proteinuria,

dehydration, urinary tract infections and acute illness with fever Glucose: Uncontrolled diabetes mellitus can lead to presence of glucose in urine. Other causes include pregnancy, hormonal disturbances, liver disease and certain medications

Ketones: Uncontrolled diabetes mellitus can lead to presence of ketones in urine. Ketones can also be seen in starvation, frequent vomiting, pregnancy and strenuous exercise

Blood: Occult blood can occur in urine as intact erythrocytes or haemoglobin, which can occur in various urological, nephrological and bleeding disorders. Leukocytes: An increase in leukocytes is an indication of inflammation in urinary tract or kidneys. Most common cause is bacterial urinary tract infection.

Nitrite: Many bacteria give positive results when their number is high. Nitrite concentration during infection increases with length of time the urine specimen is retained in bladder prior to collection.

pH: The kidneys play an important role in maintaining acid base balance of the body. Conditions of the body producing acidosis/ alkalosis or ingestion of certain type of food can affect the pH of urine.

Specific gravity: Specific gravity gives an indication of how concentrated the urine is. Increased specific gravity is seen in conditions like dehydration, glycosuria and proteinuria while decreased specific gravity is seen in excessive fluid intake, renal failure and diabetes insipidus.

Bilirubin: In certain liver diseases such as biliary obstruction or hepatitis, bilirubin gets excreted in urine. Urobilinogen: Positive results are seen in liver diseases like hepatitis and cirrhosis and in cases of hemolytic anemia

SUGAR URINE - FASTING-METHOD: DIPSTICK/BENEDICT'S TEST





| CLIENT CODE : CA00010147<br>CLIENT CODE : CA00010147<br>CLIENT'S NAME AND ADDRESS :<br>MEDIWHEEL ARCOFEMI HEALTHCARE LIMIT<br>F701A, LADO SARAI, NEW DELHI,<br>SOUTH DELHI, DELHI,<br>SOUTH DELHI, DELHI,<br>SOUTH DELHI 110030<br>DELHI INDIA<br>8800465156 | Patient Ref. No. 666000001844 |                         |                 |  |
|--|-------------------------------|-------------------------|-----------------|--|
| PATIENT NAME : MR SANAL S  |                               | PATIENT ID :            | MRSAM0810934182 |  |
| ACCESSION NO : 4182VJ004511  | AGE : 29 Years SEX : Male     | e                       |                 |  |
| DRAWN :  | RECEIVED : 08/10/2022 10:1    | 15 REPORTED : 10/10/202 | 2 13:07         |  |
| <b>REFERRING DOCTOR :</b> SELF   |                               | CLIENT PATIENT ID       | :               |  |
| Test Report Status   | Results                       |                         | Units           |  |
| MEDIWHEEL HEALTH CHECKUP BELOW 40(M)2DECHO   |                               |                         |                 |  |
| * ECG WITH REPORT  |                               |                         |                 |  |
| REPORT<br>REPORT GIVEN<br>* 2D - ECHO WITH COLOR DOPPL   | ER                            |                         |                 |  |
| REPORT<br>REPORT GIVEN   |                               |                         |                 |  |

\* USG ABDOMEN AND PELVIS REPORT REPORT GIVEN \* CHEST X-RAY WITH REPORT REPORT REPORT GIVEN

> \*\*End Of Report\*\* Please visit www.srlworld.com for related Test Information for this accession TEST MARKED WITH '\*' ARE OUTSIDE THE NABL ACCREDITED SCOPE OF THE LABORATORY.

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BABU K MATHEW HOD -BIOCHEMISTRY

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DR.VAISHALI RAJAN HOD - HAEMATOLOGY

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PADMANABHAN NAIR HOD - HORMONES



