

Cert. No. MC-2812

CLIENT CODE: CA00010147 - MEDIWHEEL CLIENT'S NAME AND ADDRESS :

MEDIWHEEL ARCOFEMI HEALTHCARE LIMITED

F701A, LADO SARAI, NEW DELHI,

SOUTH DELHI, DELHI, SOUTH DELHI 110030 DELHI INDIA 8800465156

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 NAME: MAHESH S N** PATIENT ID: MAHEM1012774182

ACCESSION NO: 4182VL004058 AGE: 45 Years SEX: Male ABHA NO:

10/12/2022 14:36 DRAWN: RECEIVED: 10/12/2022 08:24 REPORTED:

**REFERRING DOCTOR: SELF** CLIENT PATIENT ID:

**Biological Reference Interval Test Report Status Preliminary** Results Units

### **MEDIWHEEL HEALTH CHECKUP ABOVE 40(M)TMT**

\* TREADMILL TEST

REPORT ATTACHED TREADMILL TEST

**DENTAL CHECK UP** 

REPORT ATTACHED DENTAL CHECK UP

**OPTHAL** 

**OPTHAL** REPORT ATTACHED

\* PHYSICAL EXAMINATION

REPORT ATTACHED PHYSICAL EXAMINATION









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MEDIWHEEL HEALTH CHECKUP ABOVE 40(M)T	MI		
* SERUM BLOOD UREA NITROGEN			
BLOOD UREA NITROGEN * BUN/CREAT RATIO	13	Adult(<60 yrs) : 6 to 20	mg/dL
BUN/CREAT RATIO CREATININE, SERUM	14.4		
CREATININE  * GLUCOSE, POST-PRANDIAL, PLASMA	0.90	18 - 60 yrs : 0.9 - 1.3	mg/dL
GLUCOSE, POST-PRANDIAL, PLASMA	110	Diabetes Mellitus : > or = 200. Impaired Glucose tolerance/ Prediabetes : 140 - 199. Hypoglycemia : < 55.	mg/dL
GLUCOSE, FASTING, PLASMA			
GLUCOSE, FASTING, PLASMA	95	Diabetes Mellitus : > or = 126. Impaired fasting Glucose/ Prediabetes : 101 - 125. Hypoglycemia : < 55.	mg/dL
* GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA BLOOD	A WHOLE		
GLYCOSYLATED HEMOGLOBIN (HBA1C)	4.9	Normal : 4.0 - 5.6%. Non-diabetic level : < 5.7%. Diabetic : >6.5%	%
		Glycemic control goal More stringent goal : < 6.5 %. General goal : < 7%. Less stringent goal : < 8%.	
		Glycemic targets in CKD :- If eGFR > 60 : < 7%. If eGFR < 60 : 7 - 8.5%.	
MEAN PLASMA GLUCOSE * LIPID PROFILE, SERUM	93.9		mg/dL
CHOLESTEROL	199	Desirable: < 200 Borderline: 200-239 High: >or= 240	mg/dL
TRIGLYCERIDES	112	Normal : < 150 High : 150-199 Hypertriglyceridemia : 200-499 Very High : > 499	mg/dL
HDL CHOLESTEROL	52	General range: 40-60	mg/dL











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DIRECT LDL CHOLESTEROL	140		Optimum : < 100 Above Optimum : 100-139 Borderline High : 130-159 High : 160-189	mg/dL
NON HDL CHOLESTEROL	147	High	Very High : >or= 190 Desirable: Less than 130 Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220	mg/dL
CHOL/HDL RATIO	3.8		3.3-4.4 Low Risk 4.5-7.0 Average Risk 7.1-11.0 Moderate Risk > 11.0 High Risk	
LDL/HDL RATIO	2.7		0.5 - 3.0 Desirable/Low Risk 3.1 - 6.0 Borderline/Moderate >6.0 High Risk	Risk
VERY LOW DENSITY LIPOPROTEIN	22.4		Desirable value : 10 - 35	mg/dL
* LIVER FUNCTION TEST WITH GGT			10 33	
BILIRUBIN, TOTAL	1.01		General Range : < 1.1	mg/dL
BILIRUBIN, DIRECT	0.36	High	General Range : < 0.3	mg/dL
BILIRUBIN, INDIRECT	0.65	High	0.00 - 0.60	mg/dL
TOTAL PROTEIN	7.5		Ambulatory: 6.4 - 8.3 Recumbant: 6 - 7.8	g/dL
ALBUMIN	4.5		20-60yrs : 3.5 - 5.2	g/dL
GLOBULIN	3.0		2.0 - 4.0 Neonates - Pre Mature: 0.29 - 1.04	g/dL
ALBUMIN/GLOBULIN RATIO	1.5		General Range: 1.1 - 2.5	RATIO
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	21		Adults: < 40	U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT)	38		Adults: < 45	U/L
ALKALINE PHOSPHATASE	68		Adult(<60yrs): 40 -130	U/L
GAMMA GLUTAMYL TRANSFERASE (GGT) TOTAL PROTEIN, SERUM	42		Adult (Male): < 60	U/L
TOTAL PROTEIN	7.5		Ambulatory: 6.4 - 8.3 Recumbant: 6 - 7.8	g/dL
URIC ACID, SERUM				
URIC ACID	7.2		Adults: 3.4-7	mg/dL









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ABO GROUP & RH TYPE, EDTA WHOLE BLOOD				
ABO GROUP	TYPE A			
RH TYPE	NEGATIVE			
BLOOD COUNTS,EDTA WHOLE BLOOD				
HEMOGLOBIN	14.9		13.0 - 17.0	g/dL
RED BLOOD CELL COUNT	4.49	Low	4.5 - 5.5	mil/µL
WHITE BLOOD CELL COUNT	6.87		4.0 - 10.0	thou/µL
PLATELET COUNT	270		150 - 410	thou/µL
RBC AND PLATELET INDICES				
HEMATOCRIT	43.1		40 - 50	%
MEAN CORPUSCULAR VOL	96.0		83 - 101	fL
MEAN CORPUSCULAR HGB.	33.1	High	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION	34.5		31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH	14.1		12.0 - 18.0	%
MENTZER INDEX	21.4			
MEAN PLATELET VOLUME	7.3		6.8 - 10.9	fL
WBC DIFFERENTIAL COUNT				
SEGMENTED NEUTROPHILS	57		40 - 80	%
LYMPHOCYTES	33		20 - 40	%
MONOCYTES	5		2 - 10	%
EOSINOPHILS	4		1 - 6	%
BASOPHILS	1		0 - 2	%
ABSOLUTE NEUTROPHIL COUNT	3.92		2.0 - 7.0	thou/µL
ABSOLUTE LYMPHOCYTE COUNT	2.27		1 - 3	thou/µL
ABSOLUTE MONOCYTE COUNT	0.34		0.20 - 1.00	thou/µL
ABSOLUTE EOSINOPHIL COUNT	0.27		0.02 - 0.50	thou/µL
ABSOLUTE BASOPHIL COUNT	0.0			thou/µL
NEUTROPHIL LYMPHOCYTE RATIO (NLR)	1.8			
ERYTHROCYTE SEDIMENTATION RATE (ESR), WILLIAM BLOOD	HOLE			
SEDIMENTATION RATE (ESR)	25	High	0 - 14	mm at 1 hr
STOOL: OVA & PARASITE	RESULT PENDING			
* SUGAR URINE - POST PRANDIAL				
SUGAR URINE - POST PRANDIAL	NOT DETECTED		NOT DETECTED	





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DDOCTATE CDECYTES ANTHONY CEDUM			
PROSTATE SPECIFIC ANTIGEN, SERUM PROSTATE SPECIFIC ANTIGEN	0.800	Age Specific :- <49yrs : <2.5 50-59yrs : <3.5 60-69yrs : <4.5 >70yrs : <6.5	ng/mL
* THYROID PANEL, SERUM		,	
Т3	122.20	80 - 200	ng/dL
T4	8.40	5.1 - 14.1	µg/dl
TSH 3RD GENERATION PHYSICAL EXAMINATION, URINE	1.410	21-50 yrs : 0.4 - 4.2	μIU/mL
COLOR	PALE YELLOW		
APPEARANCE	CLEAR		
CHEMICAL EXAMINATION, URINE	CLLAR		
PH	6.0	4.7 - 7.5	
SPECIFIC GRAVITY	1.011	1.003 - 1.035	
PROTEIN	NEGATIVE	NOT DETECTED	
GLUCOSE	NEGATIVE	NOT DETECTED	
KETONES	NEGATIVE	NOT DETECTED	
BLOOD	NEGATIVE	NOT DETECTED	
BILIRUBIN	NOT DETECTED	NOT DETECTED	
UROBILINOGEN	NEGATIVE	NORMAL	
NITRITE	NEGATIVE	NOT DETECTED	
MICROSCOPIC EXAMINATION, URINE			
RED BLOOD CELLS	NOT DETECTED	NOT DETECTED	/HPF
WBC	0-1	0-5	/HPF
EPITHELIAL CELLS	0-1	0-5	/HPF
CASTS	NEGATIVE		
CRYSTALS	NEGATIVE		
REMARKS	NIL		
* SUGAR URINE - FASTING			
SUGAR URINE - FASTING	NOT DETECTED	NOT DETECTED	







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Interpretation(s)

SERUM BLOOD UREA NITROGEN-

Causes of Increased levels

Pre renal

• High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal • Renal Failure

Post Renal

• Malignancy, Nephrolithiasis, Prostatism

Causes of decreased levels

· Liver disease

· SIADH.

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)

Lower than normal level may be due to:

· Mvasthenia 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(HBA1C), EDTA WHOLE BLOOD-**Used For**:

- 1. Evaluating the long-term control of blood glucose concentrations in diabetic patients.

3.Identifying patients at increased risk for diabetes (prediabetes).
The ADA recommends measurement of HbA1c (typically 3-4 times per year for type 1 and poorly controlled type 2 diabetic patients, and 2 times per year for neador recommends ineasurement of module (typically 3-4 times per year not type 1 and poorly controlled type 2 diabetic patients) to determine whether a patients metabolic control has remained continuously within the target range.

1.eAG (Estimated average glucose) converts percentage HbA1c to md/dl, to compare blood glucose levels.

2. eAG gives an evaluation of blood glucose levels for the last couple of months.

3. eAG is calculated as eAG (mg/dl) = 28.7 \* HbA1c - 46.7

#### HbA1c Estimation can get affected due to :

I.Shortened Erythrocyte survival: Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g. recovery from acute blood loss,hemolytic anemia) will falsely lower HbA1c test results.Fructosamine is recommended in these patients which indicates diabetes control over 15 days.

II.Vitamin C & E are reported to falsely lower test results. (possibly by inhibiting glycation of hemoglobin.
III.Iron deficiency anemia is reported to increase test results. Hypertriglyceridemia, uremia, hyperbilirubinemia, chronic alcoholism, chronic ingestion of salicylates & opiates addiction are reported to interfere with some assay methods, falsely increasing results.

IV.Interference of hemoglobinopathies in HbA1c estimation is seen in a.Homozygous hemoglobinopathy. Fructosamine is recommended for testing of HbA1c.

b.Heterozygous state detected (D10 is corrected for HbS & HbC trait.)
c.HbF > 25% on alternate paltform (Boronate affinity chromatography) is recommended for testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is

recommended for detecting a hemoglobinopathy
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' 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''''''''''''''' 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.





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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.

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 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

Dietary

- 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 fluidsLimit 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, EDTA WHOLE BLOOD-

BLOOD COUNTS, EDIA WHOLE BLOOD-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 INDICESMentzer index (MCV/RBC) is an automated cell-counter based calculated screen tool to differentiate cases of Iron deficiency anaemia(>13) from Beta thalassaemia trait (<13) in patients with microcytic anaemia. This needs to be interpreted in line with clinical correlation and suspicion. Estimation of HbA2 remains the gold standard for

diagnosing a case of beta thalassaemia trait.

WBC DIFFERENTIAL COUNTThe 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.





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#### ERYTHROCYTE SEDIMENTATION RATE (ESR), WHOLE BLOOD-TEST DESCRIPTION :-

Erythrocyte sedimentation rate (ESR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (sedimentation) of erythrocytes in a sample of blood that has been placed into a tall, thin, vertical tube. Results are reported as the millimetres of clear fluid (plasma) that are present at the top portion of the tube after one hour. Nowadays fully automated instruments are available to measure ESR.

ESR is not diagnostic; it is a non-specific test that may be elevated in a number of different conditions. It provides general information about the presence of an inflammatory condition.CRP is superior to ESR because it is more sensitive and reflects a more rapid change **TEST INTERPRETATION** 

Increase in: Infections, Vasculities, Inflammatory arthritis, Renal disease, Anemia, Malignancies and plasma cell dyscrasias, Acute allergy Tissue injury, Pregnancy,

Estrogen medication, Aging.
Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias,

Disseminated malignancies, connective tissue disease, severe infections such as bacterial endocarditis).

In pregnancy BRI in first trimester is 0-48 mm/hr(62 if anemic) and in second trimester (0-70 mm /hr(95 if anemic). ESR returns to normal 4th week post partum. Decreased in: Polycythermia vera, Sickle cell anemia

False elevated ESR: Increased fibrinogen, Drugs(Vitamin A, Dextran etc), Hypercholesterolemia
False Decreased: Poikilocytosis,(SickleCells,spherocytes),Microcytosis, Low fibrinogen, Very high WBC counts, Drugs(Quinine, salicylates)

#### REFERENCE:

1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition; 2. Paediatric reference intervals. AACC Press, 7th edition. Edited by S. Soldin; 3. 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

PROSTATE SPECIFIC ANTIGEN, SERUM-- PSA is detected in the male patients with normal, benign hyperplastic and malignant prostate tissue and in patients with prostatitis.

- PSA is not detected (or detected at very low levels) in the patients without prostate tissue ( because of radical prostatectomy or cystoprostatectomy) and also in the

- female patient.
- It a suitable marker for monitoring of patients with Prostate Cancer and it is better to be used in conjunction with other diagnostic procedures.

   Serial PSA levels can help determine the success of prostatectomy and the need for further treatment, such as radiation, endocrine or chemotherapy and useful in
- detecting residual disease and early recurrence of tumor.
   Elevated levels of PSA can be also observed in the patients with non-malignant diseases like Prostatitis and Benign Prostatic Hyperplasia.
- Specimens for total PSA assay should be obtained before biopsy, prostatectomy or prostatic massage, since manipulation of the prostate gland may lead to elevated PSA
- (false positive) levels persisting up to 3 weeks.
   As per American urological guidelines, PSA screening is recommended for early detection of Prostate cancer above the age of 40 years. Following Age specific reference range can be used as a guide lines-

Age of male Reference range (ng/ml)

40-49 years 0-2.5 50-59 years 0-3.5

60-69 years 0 - 4.5

70-79 years 0-6.5

(\* conventional reference level (< 4 ng/ml) is already mentioned in report, which covers all agggroup with 95% prediction interval)

References- Teitz ,textbook of clinical chemiistry, 4th edition) 2.Wallach's Interpretation of Diagnostic Tests SUGAR URINE - FASTING-METHOD: DIPSTICK/BENEDICT'S TEST









CLIENT CODE: CA00010147 - MEDIWHEEL

CLIENT'S NAME AND ADDRESS : MEDIWHEEL ARCOFEMI HEALTHCARE LIMITED

F701A, LADO SARAI, NEW DELHI,

SOUTH DELHI, DELHI, SOUTH DELHI 110030 **DELHI INDIA** 8800465156

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 NAME: MAHESH S N** PATIENT ID: MAHEM1012774182

ACCESSION NO: 4182VL004058 AGE: 45 Years SEX: Male ABHA NO:

DRAWN: RECEIVED: 10/12/2022 08:24 REPORTED: 10/12/2022 14:36

**REFERRING DOCTOR: SELF** CLIENT PATIENT ID:

**Test Report Status** Results Units **Preliminary** 

#### **MEDIWHEEL HEALTH CHECKUP ABOVE 40(M)TMT**

\* ECG WITH REPORT

**REPORT** 

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.

**BABU K MATHEW HOD-BIOCHEMISTRY** 

Dal unaum

DR. VAISHALI RAJAN, MBBS DCP(Pathology) (Reg No - TCC 27150) **HOD - HAEMATOLOGY** 

DR. SRI SRUTHY, MD Microbiology (Reg No - TCMC 44886) CONSULTANT **MICROBIOLOGIST** 

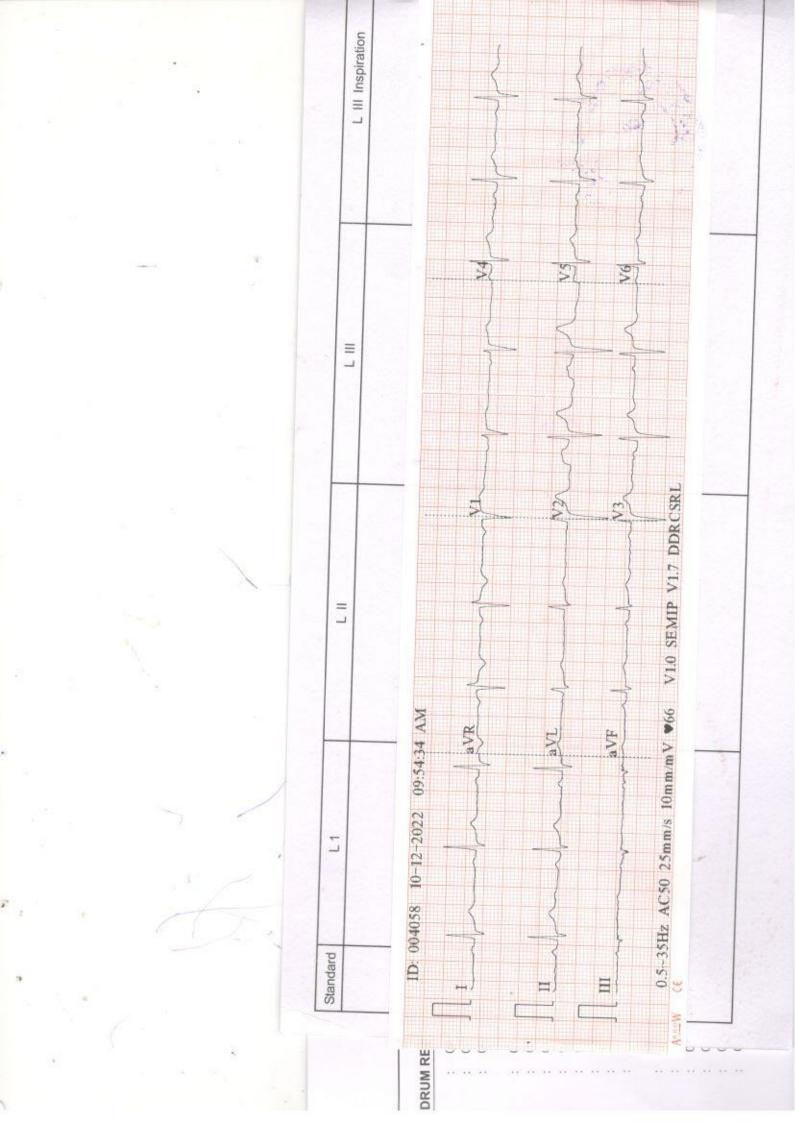
DR. ASTHA YADAV, MD **Biochemistry** (Reg No - DMC/R/20690) **CONSULTANT BIOCHEMIST** 





PR PR ORS OT/OTc P/QRS/T RVS/SV1	ID: 004058  Male 45Years em	
: 67 bpm : 111 ms : 174 ms : 89 ms : 387,411 ms : 49,30,42 °	Diagnosis Information:  / mmHg  kg  // n. Make 84 5 M.	V1
V6		V2
Standard		V3
		V4

P



# RADIOLOGY DIVISION

Acc no:4182VL004058

Name: Mr. Mahesh S N

Age: 45 y

Sex: Male

Date:10.12.22

## US SCAN WHOLE ABDOMEN

LIVER is enlarged in size (15.8 cm). Margins are regular. Hepatic parenchyma shows increased echogenicity. No focal lesions seen. No dilatation of intrahepatic biliary radicles. CBD is not dilated. Portal vein is normal in caliber (10.7 mm).

GALL BLADDER is partially distended and calculi noted in lumen, larger ones measuring 16.9 mm, 14.3 mm and 7.3 mm. Possibility of a few other smaller sized calculi also noted. Wall thickness is normal. No pericholecystic fluid seen.

SPLEEN is normal in size (10 cm) and parenchymal echotexture. No focal lesion seen.

PANCREAS Head and part of body appears normal in size and shows mildly increased parenchymal echotexture. Pancreatic duct is not dilated.

RIGHT KIDNEY is normal in size (10.6 x 4.1 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.

**LEFT KIDNEY** is normal in size (10.5 x 4.9 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.

PARAAORTIC AREA obscured by bowel gas.

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

PROSTATE is normal in size (vol -17.3 cc) and shows normal echotexture. Tiny parenchymal calcification noted.

No ascites or pleural effusion.

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

#### CONCLUSION:-

- Hepatomegaly with grade II /III fatty changes -suggest LFT correlation
- Cholelithiasis . No evidence of acute inflammation.

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.





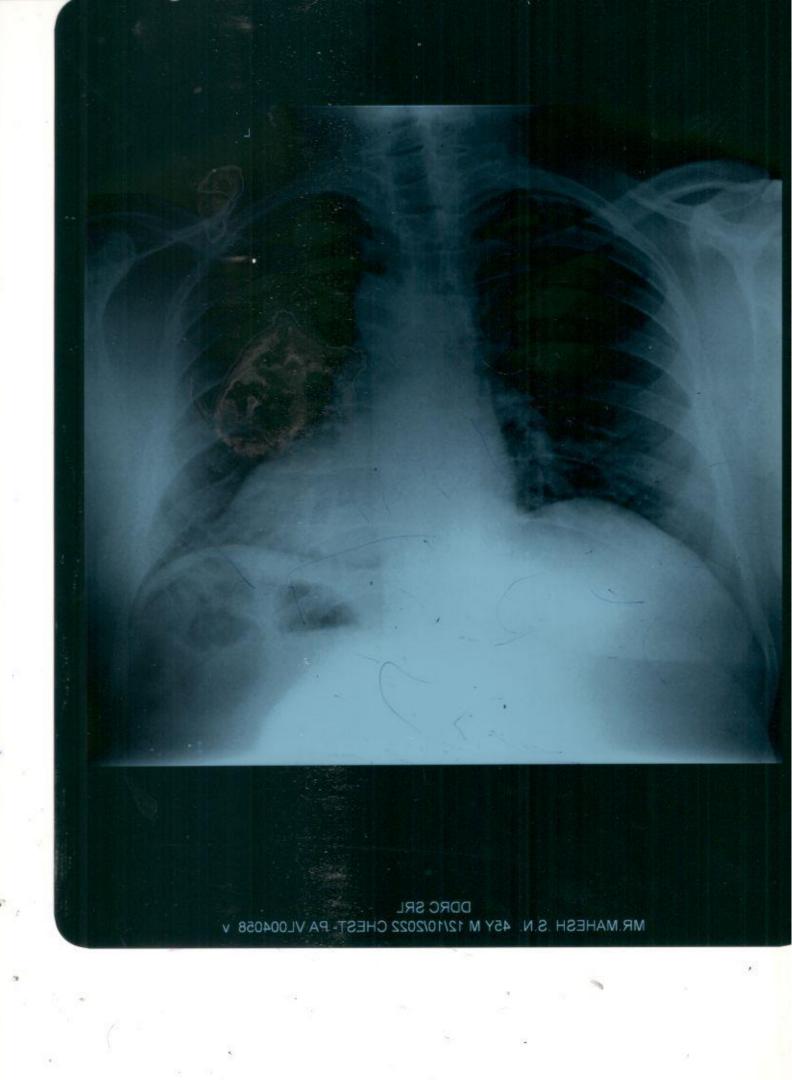














# Sp: 130/10 mm/g. MEDICAL EXAMINATION REPORT (MER)

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.

medical examination	to the examinee.					Property.
Name of the 6     Mark of Ident     Age/Date of I     Photo ID Che	tification : (Mc Birth :	ole/Scar/an	Mahesh y other (speci- tion Card/PA)	fy location Gende		
PHYSICAL DETA	ILS:					
a. Height			re: 130/801		Girth of Abdomen( stolic ♥O Diastolic ♥O	
			1st Reading	U	130/80 mmlg	
			2 <sup>nd</sup> Reading	iliuwasei	fy and to me to me	STE AT
FAMILY HISTOR	Y:				O .	
Relation	Age if Living	Health	Status	If dec	ceased, age at the time and ca	nuse
Father	1			80,	, old age pix	e as
Mother	64	DM	. 15	- /		
Brother(s)						
Sister(s)		HARRING				
United St.	o in any form		me any of the Sedative	following'	Alcohol	17 (210)
			_			
from any menta	ly in good health and ent I or Physical impairment	or deform	ity. exar	nined, rece litted to any	5 years have you been medicived any advice or treatment y hospital? or gained weight in past 12 n	or Y/N_
Have you ever suffe	ered from any of the fol	lowing?				
Psychological I the Nervous Sys	Disorders or any kind of o stem?	lisorders o Y	· Une	xplained re	of Gastrointestinal System? ecurrent or persistent fever,	Y/N-
<ul><li>Any Cardiac or</li><li>Enlarged glands</li></ul>	of Respiratory system? Circulatory Disorders? or any form of Cancer/Tur	nour? Y	• Hav	ore? If yes	tested for HIV/HBsAg / HC attach reports htly taking medication of any	Y/N
Any Musculosk	eletal disorder?	Y	//N Aic	jou preser	my many	Y/N

# **DDRC SRL 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

Regd. Office: 4th Floor, Prime Square, Plot No.1, Gaiwadi Industrial Estate, S.V. Road, Goregaon (West), Mumbai - 400062.

	Any	disorders of	Urinary	System?
--	-----	--------------	---------	---------

Y/N

 Any disorder of the Eyes, Ears, Nose, Throat or Mouth & Skin

d. Do you have any history of miscarriage/

abortion or MTP

YIN

#### FOR FEMALE CANDIDATES ONLY

- a. Is there any history of diseases of breast/genital organs?
  - Y/N
- b. Is there any history of abnormal PAP
   Smear/Mammogram/USG of Pelvis or any other tests? (If yes attach reports)
- e. For Parous Women, were there any complication during pregnancy such as gestational diabetes, hypertension etc
- c. Do you suspect any disease of Uterus, Cervix or Ovaries?
- f. Are you now pregnant? If yes, how many months?

CONFIDENTAIL COMMENTS FROM MEDICAL EXAMINER

Was the examinee co-operative?

YN

- 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?

Y/N

- 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

Dr. SERIN LOPEZ. MBBS
MEDICAL OFFICER
DDRC SRL Diagnostics Ltd.
Aster Square, Medical College P.O., TVM
Reg. No 77656

Seal of Medical Examiner

Name & Seal of DDRC SRL Branch

Date & Time

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**DDRC SRL** Diagnostics Private Limited

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Page 2



NAME: MR MAHESH S N

AGE:45/M

DATE:10/12/2022

# CHEST X-RAY REPORT

CHEST X-RAY PA VIEW

: Trachea central

No cardiomegaly Normal vascularity

No parenchymal lesion.

Costophrenic and cardiophrenic angles clear

➤ IMPRESSION

: Normal Chest Xray

ELECTRO CARDIOGRAM

NSR:67/minute

No evidence of ischaemia.

> IMPRESSION

: Normal Ecg.



Dr. SERIN LOPEZ. MBBS

MEDICAL OFFICER

DDRC SRL Diagnostics Ltd.

Aster Square, Medical College P.O., TVM

Reg. No. 77656

DR SERIN LOPEZ MBBS
Reg No 77656
DDRC SRL DIAGNOSTICS Services

# DDRC SRL

Patient Details Date: 10-Dec-22 Time: 11:09:58 AM

Name: MAHESH S N ID: 4182VL004058

Age: 45 y Sex: M Height: 170 cms Weight: 101 Kgs

Clinical History: NIL

Medications: NIL

**Test Details** 

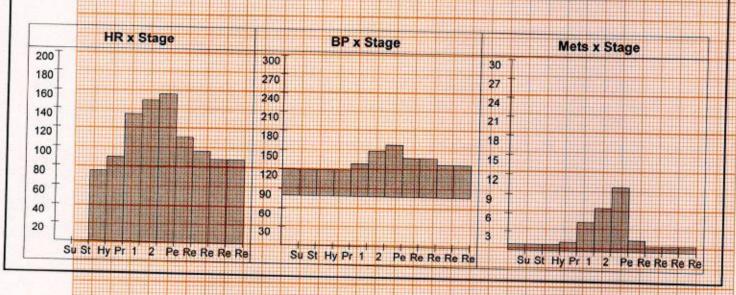
Protocol: Bruce Pr.MHR: 175 bpm THR: 157 (90 % of Pr.MHR) bpm

Total Exec. Time: 6 m 21 s Max. HR: 156 (89% of Pr.MHR)bpm Max. Mets: 10.20

Test Termination Criteria: THR ATTAINED

## **Protocol Details**

Stage Name	Stage Time	Mets	Speed	Grade	Heart	Max. BP	Max. ST	Max. ST
(min : sec)	(mph)	(mph)	(%)	Rate (bpm)	(mm/Hg)	Level (mm)	Slope (mV/s)	
Supine	0:9	1.0	0	0	0	120 / 80	0.001	0.00 11
Standing	0:1	1.0	0	0	0	120 / 80	0.001	0.00 !!
Hyperventilation	0:19	1.0	0	0	75	120 / 80	-0.64 aVR	1.42 V2
1	3:0	4.6	1,7	10	134	130 / 80	-1.27 aVR	4.25 V5
2	3:0	7.0	2.5	12	149	150 / 80	-1.27 III	5.31 V4
Peak Ex	0:21	10.2	3.4	14	156	160 / 80	-1.27 aVR	5.31 V5
Recovery(1)	1:0	1.8	1	0	110	140 / 80	-2.34 aVR	5.66 V2
Recovery(2)	1:0	1.0	0	0	96	140 / 80	-1.91 aVR	5.31 V2
Recovery(3)	1:0	1.0	0	0	88	130 / 80	-0.64 aVR	
Recovery(4)	0:13	1.0	0	0	88	130 / 80	-0.64 aVR	2.48 V5 1.42 I



-	-	•	-	-44
	DR	u	8	RI

Patient Details Date: 10-Dec-22 Time: 11:09:58 AM

Name: MAHESH S N ID: 4182VL004058

Age: 45 y Sex: M Height: 170 cms Weight: 101 Kgs.

# Interpretation

The patient exercised according to the Bruce protocol for 6 m 21 s achieving a work level of Max. METS: 10.20. Resting heart rate initially 0 bpm, rose to a max. heart rate of 156 ( 89% of Pr.MHR ) bpm. Resting blood Pressure 120 / 80 mmHg, rose to a maximum blood pressure of 160 / 80 mmHg.

NO ANGINA/ARRHYTHMIAS/SOB
GOOD EFFORT TOLERANCE
NO SIGNIFICANT ST CHANGES
TEST IS NEGATIVE FOR INDUCIBLE ISCHEMIA

Ref. Doctor: MEDIWHEEL

( Summary Report edited by user )

Doctor: DR.J.PRABAKARAN

DR. J. PRABAKARAN Consulting Cond.

(c) Schiller Healthcere India Pvt. Ltd. V 4.7

