

PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118)

REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : **0290XB005019** A

PATIENT ID : SUDHM140287290

CHIENT PATIENT ID: BOBS10118

AGE/SEX : 37 Years

DRAWN :

RECEIVED : 24/02/2024 11:09:05 REPORTED : 24/02/2024 19:38:42

Test Report Status <u>Preliminary</u> Results Biological Reference Interval Units

MEDI WHEEL FULL BODY HEALTH CHECK UP BELOWE SOUNTAILE DING **XRAY-CHEST RESULT PENDING ECG RESULT PENDING RESULT PENDING MEDICAL HISTORY ANTHROPOMETRIC DATA & BMI RESULT PENDING GENERAL EXAMINATION RESULT PENDING** CARDIOVASCULAR SYSTEM **RESULT PENDING** RESPIRATORY SYSTEM **RESULT PENDING** PER ABDOMEN **RESULT PENDING CENTRAL NERVOUS SYSTEM RESULT PENDING MUSCULOSKELETAL SYSTEM RESULT PENDING BASIC EYE EXAMINATION RESULT PENDING BASIC ENT EXAMINATION RESULT PENDING BASIC DENTAL EXAMINATION RESULT PENDING SUMMARY RESULT PENDING FITNESS STATUS RESULT PENDING** 

Page 1 Of 14





View Details

View Report





PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK

UP BELOW 40 MALE

CODE/NAME & ADDRESS: C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

PATIENT ID

: SUDHM140287290 DRAWN

DRAWN :

RECEIVED : 24/02/2024 11:09:05

AGE/SEX : 37 Years

NEW DELHI 110030 8800465156

**DELHI** 

ABHAN BATIENT ID: BOBS10118

ACCESSION NO: 0290XB005019

REPORTED :24/02/2024 19:38:42

Test Report Status Preliminary Results Units

MEDI WHEEL FULL BODY HEALTH CHECK UP BELOWE SOUMARES DING
ULTRASOUND ABDOMEN
RESULT PENDING

TMT OR ECHO RESULT PENDING

Page 2 Of 14





View Details

View Report





PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK

UP BELOW 40 MALE

CODE/NAME & ADDRESS: C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

ACCESSION NO: **0290XB005019**PATIENT ID: SUDHM140287290

AGE/SEX :37 Years DRAWN :

Male

DELHI NEW DELHI 110030

8800465156

CHIENT PATIENT ID: BOBS10118

RECEIVED : 24/02/2024 11:09:05 REPORTED : 24/02/2024 19:38:42

Test Report Status <u>Preliminary</u> Results Biological Reference Interval Units

Н	AEMATOLOGY - CBC		
MEDI WHEEL FULL BODY HEALTH CHECK UP B	ELOW 40 MALE		
BLOOD COUNTS,EDTA WHOLE BLOOD			
HEMOGLOBIN (HB)	14.7	13.0 - 17.0	g/dL
RED BLOOD CELL (RBC) COUNT	4.89	4.5 - 5.5	mil/μL
WHITE BLOOD CELL (WBC) COUNT	6.63	4.0 - 10.0	thou/µL
PLATELET COUNT	216	150 - 410	thou/μL
RBC AND PLATELET INDICES			
HEMATOCRIT (PCV)	42.7	40 - 50	%
MEAN CORPUSCULAR VOLUME (MCV)	87.2	83 - 101	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	30.0	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC)	34.4	31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW)	11.6	11.6 - 14.0	%
MENTZER INDEX	17.8		
MEAN PLATELET VOLUME (MPV)	11.8 High	6.8 - 10.9	fL
WBC DIFFERENTIAL COUNT			
NEUTROPHILS	58	40 - 80	%
LYMPHOCYTES	35	20 - 40	%
MONOCYTES	05	2 - 10	%
EOSINOPHILS	02	1 - 6	%
BASOPHILS	00	0 - 2	%
ABSOLUTE NEUTROPHIL COUNT	3.85	2.0 - 7.0	thou/µL
ABSOLUTE LYMPHOCYTE COUNT	2.32	1 - 3	thou/µL
ABSOLUTE MONOCYTE COUNT	0.33	0.20 - 1.00	thou/µL
ABSOLUTE EOSINOPHIL COUNT	0.13	0.02 - 0.50	thou/µL

Proita

Dr.Arpita Pasari, MD Consultant Pathologist





Page 3 Of 14

View Details

View Report





PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK

UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355 ACCESSION NO: 0290XB005019 AGE/SEX : 37 Years ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID DRAWN : SUDHM140287290

F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI NEW DELHI 110030** 8800465156

CHIENT PATIENT ID: BOBS10118

RECEIVED: 24/02/2024 11:09:05

REPORTED :24/02/2024 19:38:42

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

<b>Interpretation(s)</b>

BLOOD COUNTS,EDTA 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 INDICES-Mentzer 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 COUNT-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)

This ratio element is a calculated parameter and out of NABL scope.

Dr. Arpita Pasari, MD **Consultant Pathologist** 





Page 4 Of 14

View Report





REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118)

UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0290XB005019 AGE/SEX : 37 Years Male

PATIENT ID : SUDHM140287290 DRAWN

CHIENT BATIENT ID: BOBS10118 RECEIVED: 24/02/2024 11:09:05 REPORTED :24/02/2024 19:38:42

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

#### HAEMATOLOGY

## MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

#### **ERYTHROCYTE SEDIMENTATION RATE (ESR), EDTA BLOOD**

E.S.R 15 High 0 - 14mm at 1 hr

#### GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE **BLOOD**

% HBA1C 5.4 Non-diabetic: < 5.7

> Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5Therapeutic goals: < 7.0 Action suggested: > 8.0 (ADA Guideline 2021)

ESTIMATED AVERAGE GLUCOSE(EAG) 108.3 < 116.0 mg/dL

<b>Interpretation(s)</b>

ERYTHROCYTE SEDIMENTATION RATE (ESR),EDTA BLOOD-<br/>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. <b>TEST INTERPRETATION</b>

<br/>
<br/> Pregnancy, Estrogen medication, Aging.

Finding a very accelerated ESR<b>(>100 mm/hour)</b> 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. <b>Decreased</b> in: Polycythermia vera, Sickle cell anemia

<b>LIMITATIONS</b>

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

salicylates)

REFERENCE:

Dr. Arpita Pasari, MD

**Consultant Pathologist** 





Page 5 Of 14

View Report





REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) UP BELOW 40 MALE

AGE/SEX : 37 Years Male

CODE/NAME & ADDRESS : C000138355 ACCESSION NO: 0290XB005019 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : SUDHM140287290 F-703, LADO SARAI, MEHRAULISOUTH WEST

DRAWN

RECEIVED: 24/02/2024 11:09:05 CHIENT BATTENT ID: BOBS10118 REPORTED :24/02/2024 19:38:42

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

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. GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD-<b>Used For</b>:

- Evaluating the long-term control of blood glucose concentrations in diabetic patients.
- 2. Diagnosing diabetes

**NEW DELHI 110030** 8800465156

**DELHI** 

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 wellcontrolled type 2 diabetic patients) to determine whether a patients metabolic control has remained continuously within the target range.

- eAG (Estimated average glucose) converts percentage HbA1c to md/dl, to compare blood glucose levels.
   eAG gives an evaluation of blood glucose levels for the last couple of months.
   eAG is calculated as eAG (mg/dl) = 28.7 \* HbA1c 46.7

<br/>b>HbA1c Estimation can get affected due to :</b>

- 1. 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.
- 2.Vitamin C & E are reported to falsely lower test results. (possibly by inhibiting glycation of hemoglobin.
  3. 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.
- 4. 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

Dr. Arpita Pasari, MD **Consultant Pathologist** 





Page 6 Of 14

View Report



Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School,





PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK

CHIENT BATIENT ID: BOBS10118

UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0290XB005019

PATIENT ID : SUDHM140287290

DRAWN :

Male

RECEIVED : 24/02/2024 11:09:05

AGE/SEX : 37 Years

REPORTED :24/02/2024 19:38:42

Test Report Status <u>Preliminary</u> Results Biological Reference Interval Units

# **IMMUNOHAEMATOLOGY**

## MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

# **ABO GROUP & RH TYPE, EDTA WHOLE BLOOD**

ABO GROUP TYPE A
RH TYPE POSITIVE

<b>Interpretation(s)</b>

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.

Proite

Dr.Arpita Pasari, MD Consultant Pathologist





Page 7 Of 14

View Details

View Report





PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK

UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL
F-703 LADO SARAI MEHRAULISOUTH WEST

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0290XB005019

PATIENT ID : SUDHM140287290

CHIENT BATTENT ID: BOBS10118

AGE/SEX :37 Years DRAWN :

RECEIVED : 24/02/2024 11:09:05

REPORTED :24/02/2024 19:38:42

Test Report Status Preliminary Results Biological Reference Interval Units

**BIOCHEMISTRY** 

MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

**GLUCOSE FASTING, FLUORIDE PLASMA** 

FBS (FASTING BLOOD SUGAR) 96 74 - 99 mg/dL

**GLUCOSE, POST-PRANDIAL, PLASMA** 

PPBS(POST PRANDIAL BLOOD SUGAR) 101 Normal: < 140, mg/dL

Impaired Glucose Tolerance:140-199 Diabetic > or = 200

LIPID PROFILE WITH CALCULATED LDL

CHOLESTEROL, TOTAL 178 Desirable: <200 mg/dL

BorderlineHigh: 200-239

High: > or = 240

TRIGLYCERIDES 118 Desirable: < 150 mg/dL

Borderline High: 150 - 199 High: 200 - 499

Very High : > or = 500

HDL CHOLESTEROL 40 < 40 Low

> or = 60 High

CHOLESTEROL LDL 114 High Adult levels: mg/dL

Optimal < 100

Near optimal/above optimal:

100-129

Borderline high: 130-159

High: 160-189Very high: = 190

NON HDL CHOLESTEROL 138 High Desirable: Less than 130 mg/dL

Above Desirable: 130 - 159 Borderline High: 160 - 189

High: 190 - 219

Very high: > or = 220

Dr.Arpita Pasari, MD Consultant Pathologist



Page 8 Of 14

View Details

View Report



Tel: 0731 2490008



mg/dL



PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

CODE/NAME & ADDRESS: C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0290XB005019

PATIENT ID : SUDHM140287290 DRAWN

CHIENT PATIENT ID: BOBS10118

AGE/SEX : 37 Years

RECEIVED : 24/02/2024 11:09:05

REPORTED :24/02/2024 19:38:42

	<u> </u>		
Test Report Status <u>Preliminary</u>	Results	Biological Reference Ir	nterval Units
VEDV LOW BENGTP ( LYDODDOTTIN	22.6	20	7.0
VERY LOW DENSITY LIPOPROTEIN	23.6	< or = 30	mg/dL
CHOL/HDL RATIO	4.5 High	3.3 - 4.4	
LDL/HDL RAΠΟ	2.8	0.5 - 3.0 Desirable/Lov 3.1 - 6.0 Borderline/Mo Risk >6.0 High Risk	
LIVER FUNCTION PROFILE, SERUM			
BILIRUBIN, TOTAL	0.34	0.0 - 1.2	mg/dL
BILIRUBIN, DIRECT	0.16	0.0 - 0.2	mg/dL
BILIRUBIN, INDIRECT	0.18	0.00 - 1.00	mg/dL
TOTAL PROTEIN	7.8	6.4 - 8.3	g/dL
ALBUMIN	4.8	3.50 - 5.20	g/dL
GLOBULIN	3.0	2.0 - 4.1	g/dL
ALBUMIN/GLOBULIN RATIO	1.6	1.0 - 2.0	RATIO
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	22	UPTO 40	U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT)	24	UP TO 45	U/L
ALKALINE PHOSPHATASE	64	40 - 129	U/L
GAMMA GLUTAMYL TRANSFERASE (GGT)	9	8 - 61	U/L
LACTATE DEHYDROGENASE	164	135 - 225	U/L
BLOOD UREA NITROGEN (BUN), SERUM			
BLOOD UREA NITROGEN	12	6 - 20	mg/dL
CREATININE, SERUM			
CREATININE	0.75	0.70 - 1.20	mg/dL

Dr.Arpita Pasari, MD

**Consultant Pathologist** 



Page 9 Of 14

View Report





PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118)

REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

CODE/NAME & ADDRESS: C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL
F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0290XB005019

PATIENT ID: SUDHM140287290

AGE/SEX : 37 Years

DRAWN :

RECEIVED : 24/02/2024 11:09:05 REPORTED : 24/02/2024 19:38:42

Test Report Status	Preliminary	Results	Biological Reference Interval	Units

BUN/CREAT RATIO			
BUN/CREAT RATIO	16.00 High	5.0 - 15.0	
URIC ACID, SERUM			
URIC ACID	7.5 High	3.5 - 7.2	mg/dL
	•		3,
TOTAL PROTEIN, SERUM			
TOTAL PROTEIN	7.8	6.4 - 8.3	g/dL
ALBUMIN, SERUM			
ALBUMIN	4.8	3.5 - 5.2	g/dL
GLOBULIN			
GLOBULIN	3.0	2.0 - 4.1	g/dL
ELECTROLYTES (NA/K/CL), SERUM			
SODIUM, SERUM	145.0	136.0 - 146.0	mmol/L
POTASSIUM, SERUM	4.79	3.50 - 5.10	mmol/L
CHLORIDE, SERUM	105.0	98.0 - 106.0	mmol/L

Dr.Arpita Pasari, MD Consultant Pathologist



Page 10 Of 14

View Details





Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001 Madhya Pradesh, India Tel: 0731 2490008





REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0290XB005019 AGE/SEX: 37 Years

PATIENT ID : SUDHM140287290 DRAWN

CHIENT BATIENT ID: BOBS10118 RECEIVED: 24/02/2024 11:09:05

REPORTED :24/02/2024 19:38:42

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

<b>Interpretation(s)</b>

GLUCOSE FASTING, FLUORIDE PLASMA-<b>TEST DESCRIPTION</b>

Normally, the glucose concentration in extracellular fluid is closely regulated so that a source of energy is readily available to tissues and sothat no glucose is excreted in the urine.

<br/>
<br/> <b>Decreased in </b>:Pancreatic islet cell disease with increased insulin, insulinoma, adrenocortical insufficiency, hypopituitarism, diffuse liver disease, malignancy (adrenocortical,stomach,fibrosarcoma),infant of a diabetic mother,enzyme deficiency diseases(e.g.galactosemia),Drugs-insulin,ethanol,propranolol sulfonylureas,tolbutamide,and other oral hypoglycemic agents.
<br/>
Sulfonylureas,tolbutamide,and other oral hypoglycemic agents.
<br/>
<b

within individuals. Thus, glycosylated hemoglobin(HbA1c) levels are favored to monitor glycemic control

High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc.

GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc.Additional test HbA1c LIVER FUNCTION PROFILE, SERUM-

cb>Bilirubin</b> is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Bilirubin is excreted in bile and urine, and elevated levels may give yellow discoloration in jaundice.<b>Elevated levels<br/>
yellow discoloration in jaundice.<br/>
conjugated (direct) bilirubin is elevated bilirubin metabolism (eg, hereditary and neonatal jaundice). Conjugated (direct) bilirubin is elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin when there is some kind of blockage of the bile ducts like in Gallstones getting into the bile ducts, tumors &Scarring of the bile ducts. Increased unconjugated (indirect) bilirubin may be a result of Hemolytic or pernicious anemia, Transfusion reaction & a common metabolic condition termed Gilbert syndrome, due to low levels of the enzyme that attaches sugar molecules to bilirubin.

<br/>
'b>AST</b> is an enzyme found in various parts of the body. AST is found in the liver, heart, skeletal muscle, kidneys, brain, and red blood cells, and it is commonly measured clinically as a marker for liver health. AST levels increase during chronic viral hepatitis, blockage of the bile duct, cirrhosis of the liver, liver cancer, kidney</br> failure, hemolytic anemia, pancreatitis, hemochromatosis. AST levels may also increase after a heart attack or strenuous activity. ALT test measures the amount of this enzyme in the blood. ALT is found mainly in the liver, but also in smaller amounts in the kidneys, heart, muscles, and pancreas. It is commonly measured as a part of a diagnostic evaluation of hepatocellular injury, to determine liver health AST levels increase during acute hepatitis, sometimes due to a viral infection, ischemia to the

liver,chronic hepatitis,obstruction of bile ducts,cirrhosis.
<br/>
<br/> obstruction, Osteoblastic bone tumors, osteomalacia, hepatitis, Hyperparathyroidism, Leukemia, Lymphoma, Pagets disease,Rickets,Sarcoidosis etc. Lower-than-normal ALP levels seen in Hypophosphatasia,Malnutrition,Protein deficiency,Wilsons disease.

<br/>
<br

intestine, spleen, heart, brain and seminal vesicles. The highest concentration is in the kidney, but the liver is considered the source of normal enzyme activity. Serum GGT has been widely used as an index of liver dysfunction. Elevated serum GGT activity can be found in diseases of the liver, billiary system and pancreas. Conditions that

increase serum GGT are obstructive liver disease,high alcohol consumption and use of enzyme-inducing drugs etc.

<b>Total Protein</b> 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, Waldenstroms disease.Lower-than-normal levels may be due to: Agammaglobulinemia,Bleeding (hemorrhage),Burns,Glomerulonephritis,Liver disease, Malabsorption,Malnutrition,Nephrotic syndrome,Protein-losing enteropathy etc.

• 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) <br/>
<br

URIC ACID, SERUM-<b>Causes of Increased levels:</b>-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2

DM,Metabolic syndrome <b>Causes of decreased levels</b>-Low Zinc intake,OCP,Multiple Sclerosis
TOTAL PROTEIN, SERUM-is a biochemical test for measuring the total amount of protein in serum.Protein in the plasma is made up of albumin and globulin. <br/>

Nephrotic syndrome, Protein-losing enteropathy etc.

ALBUMIN, SERUM-Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. <b>Low blood albumin levels (hypoalbuminemia) can be caused by:</b>
Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns, hemodilution, increased vascular permeability or decreased lymphatic clearance, malnutrition and wasting etc.

Dr. Arpita Pasari, MD **Consultant Pathologist** 



Page 11 Of 14

View Report







PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK

UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

NEW DELHI 110030 8800465156 ACCESSION NO: **0290XB005019** AGE/SEX: 37 Years

PATIENT ID : SUDHM140287290 DRAWN

SHIFNT PATIENT ID: BOBS10118 RECEIVED

RECEIVED : 24/02/2024 11:09:05 REPORTED : 24/02/2024 19:38:42

Test Report Status <u>Preliminary</u> Results Biological Reference Interval Units

#### **CLINICAL PATH - URINALYSIS**

## MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

PHYSICAL EXAMINATION, URINE

COLOR PALE YELLOW

APPEARANCE CLEAR

# **CHEMICAL EXAMINATION, URINE**

PH	6.5	4.7 - 7.5
SPECIFIC GRAVITY	1.010	1.003 - 1.035
PROTEIN	NOT DETECTED	NOT DETECTED
GLUCOSE	NOT DETECTED	NOT DETECTED
KETONES	NOT DETECTED	NOT DETECTED
BLOOD	NOT DETECTED	NOT DETECTED
BILIRUBIN	NOT DETECTED	NOT DETECTED
UROBILINOGEN	NORMAL	NORMAL
NITRITE	NOT DETECTED	NOT DETECTED
LEUKOCYTE ESTERASE	NOT DETECTED	NOT DETECTED

# MICROSCOPIC EXAMINATION, URINE

RED BLOOD CELLS	NOT DETECTED	NOT DETECTED	/HPF
PUS CELL (WBC'S)	2-3	0-5	/HPF
EPITHELIAL CELLS	2-3	0-5	/HPF

CASTS NOT DETECTED
CRYSTALS NOT DETECTED

BACTERIA NOT DETECTED NOT DETECTED
YEAST NOT DETECTED NOT DETECTED

REMARKS Please note that all the urinary findings are confirmed manually as well.

Dr.Arpita Pasari, MD

Dr.Arpita Pasari, MD Consultant Pathologist





Page 12 Of 14

View Details

View Report





PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118)

REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0290XB005019

PATIENT ID : SUDHM140287290

CHIENT PATIENT ID: BOBS10118

AGE/SEX :37 Years

DRAWN :

RECEIVED : 24/02/2024 11:09:05 REPORTED : 24/02/2024 19:38:42

Test Report Status <u>Preliminary</u> Results Biological Reference Interval Units

Proite

Dr.Arpita Pasari, MD Consultant Pathologist



Page 13 Of 14

View Details

View Report



Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001 Madhya Pradesh, India Tel: 0731 2490008





REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH CHECK PATIENT NAME: SUDHANSHU MISHRA (E-BOBS10118) UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0290XB005019

PATIENT ID : SUDHM140287290 CHIENT BATIENT ID: BOBS10118

DRAWN

AGE/SEX : 37 Years

RECEIVED: 24/02/2024 11:09:05 REPORTED :24/02/2024 19:38:42

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

#### SPECIALISED CHEMISTRY - HORMONE

## MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

# THYROID PANEL, SERUM

ТЗ	127.50	80.0 - 200.0	ng/dL
T4	9.42	5.10 - 14.10	μg/dL
TSH (ULTRASENSITIVE)	2.080	0.270 - 4.200	μIU/mL

\*\*End Of Report\*\* Please visit www.agilusdiagnostics.com for related Test Information for this accession

# **CONDITIONS OF LABORATORY TESTING & REPORTING**

- 1. It is presumed that the test sample belongs to the patient named or identified in the test requisition form.
- 2. All tests are performed and reported as per the turnaround time stated in the AGILUS Directory of Services.
- 3. Result delays could occur due to unforeseen circumstances such as non-availability of kits / equipment breakdown / natural calamities / technical downtime or any other unforeseen event.
- 4. A requested test might not be performed if:
  - i. Specimen received is insufficient or inappropriate
  - ii. Specimen quality is unsatisfactory
  - iii. Incorrect specimen type
  - iv. Discrepancy between identification on specimen container label and test requisition form

- AGILUS Diagnostics confirms that all tests have been performed or assayed with highest quality standards, clinical safety & technical integrity.
- 6. Laboratory results should not be interpreted in isolation; it must be correlated with clinical information and be interpreted by registered medical practitioners only to determine final diagnosis.
- 7. Test results may vary based on time of collection, physiological condition of the patient, current medication or nutritional and dietary changes. Please consult your doctor or call us for any clarification.
- 8. Test results cannot be used for Medico legal purposes.
- In case of queries please call customer care (91115 91115) within 48 hours of the report.

#### **Agilus Diagnostics Ltd**

Fortis Hospital, Sector 62, Phase VIII, Mohali 160062

Dr. Arpita Pasari, MD **Consultant Pathologist** 





Page 14 Of 14



Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001 Madhya Pradesh, India Tel: 0731 2490008

