Test Report Status



Biological Reference Interval Units

REF. DOCTOR : DR. MEDI WHEEL FULL BODY HEALTH CHECK PATIENT NAME : ANGOM NOBINCHANDRA SINGH (BOBE49278)) UP BELOW 40 MALE

	•	
CODE/NAME & ADDRESS : C000138355	ACCESSION NO : 0290WJ005135	AGE/SEX : 34 Years Male
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID : ANGOM110289290	DRAWN :
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	GHENT PATIENT ID: (BOBE49278)	RECEIVED : 28/10/2023 13:46:30
NEW DELHI 110030		REPORTED :28/10/2023 17:59:41
8800465156		

Results

MEDIWHEEL FULL BODY HEALTH CHECK UP BELOW FADIMARENDING	

Preliminary

MEDI WHEEL FULL BODY HEALTH CHECK UP BELOWERDMARENDING			
XRAY-CHEST	RESULT PENDING		
ECG	RESULT PENDING		
MEDICAL HISTORY	RESULT PENDING		
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		

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8800465156



PATIENT NAME : ANGOM NOBINCHANDRA SINGH (BOBE49278)) REF. DOCTOR : DR. MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE CODE/NAME & ADDRESS : C000138355 ACCESSION NO : 0290WJ005135 AGE/SEX : 34 Years Male ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : ANGOM110289290 DRAWN : F-703, LADO SARAI, MEHRAULISOUTH WEST ABHANOATIENT ID: (BOBE49278) RECEIVED : 28/10/2023 13:46:30 DELHI REPORTED :28/10/2023 17:59:41 NEW DELHI 110030

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Test Report Status	<u>Preliminary</u>	Results	Units

MEDI WHEEL FULL BODY HEALTH CHECK UP BELOWERD MARENDING III TRASOUND ABDOMEN RESULT PENDING

ULI RASOUND ADDOMEN	RESULT PENDING
TMT OR ECHO	RESULT PENDING

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Test Report Status

Preliminary



Units

Biological Reference Interval

PATIENT NAME : ANGOM NOBINCHANDRA SINGH (BOBE49278))	REF. DOCTOR : DR. MEDI WHEEL FULL BODY HEALTH CHECK
	UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355	ACCESSION NO : 0290WJ005135	AGE/SEX :3	34 Years	Male
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID : ANGOM110289290	DRAWN :		
F-703, LADO SARAI, MEHRAULISOUTH WEST	ABIENT BATIENT ID: (BOBE49278)	RECEIVED : 2	28/10/2023 1	3.46.30
		-		
NEW DELHI 110030		REPORTED :2	28/10/2023 1	7:59:41
8800465156				

Results

н	AEMATOLOGY - CBC		
MEDI WHEEL FULL BODY HEALTH CHECK UP B	ELOW 40 MALE		
BLOOD COUNTS, EDTA WHOLE BLOOD			
HEMOGLOBIN (HB)	14.3	13.0 - 17.0	g/dL
RED BLOOD CELL (RBC) COUNT	5.58 High	4.5 - 5.5	mil/µL
WHITE BLOOD CELL (WBC) COUNT	3.50 Low	4.0 - 10.0	thou/µL
PLATELET COUNT	150	150 - 410	thou/µL
RBC AND PLATELET INDICES			
HEMATOCRIT (PCV)	42.2	40 - 50	%
MEAN CORPUSCULAR VOLUME (MCV)	75.7 Low	83 - 101	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	25.6 Low	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC)	33.9	31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW)	12.7	11.6 - 14.0	%
MENTZER INDEX	13.6		
MEAN PLATELET VOLUME (MPV)	14.3 High	6.8 - 10.9	fL
WBC DIFFERENTIAL COUNT			
NEUTROPHILS	60	40 - 80	%
LYMPHOCYTES	35	20 - 40	%
MONOCYTES	03	2 - 10	%
EOSINOPHILS	02	1 - 6	%
BASOPHILS	00	0 - 2	%
ABSOLUTE NEUTROPHIL COUNT	2.1	2.0 - 7.0	thou/µL
ABSOLUTE LYMPHOCYTE COUNT	1.22	1 - 3	thou/µL
ABSOLUTE MONOCYTE COUNT	0.10 Low	0.20 - 1.00	thou/µL
ABSOLUTE EOSINOPHIL COUNT	0.07	0.02 - 0.50	thou/µL

Interpretation(s)

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



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Test Report Status <u>Preliminary</u>	Results Biological	Reference Interval Units
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	GHENT BATIENT ID: (BOBE49278)	RECEIVED : 28/10/2023 13:46:30 REPORTED :28/10/2023 17:59:41
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	ACCESSION NO : 0290WJ005135 PATIENT ID : ANGOM110289290	AGE/SEX : 34 Years Male DRAWN :

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.



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



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	-	
CODE/NAME & ADDRESS : C000138355	ACCESSION NO : 0290WJ005135	AGE/SEX : 34 Years Male
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID : ANGOM110289290	DRAWN :
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	ABHA NO : C	RECEIVED : 28/10/2023 13:46:30
NEW DELHI 110030		REPORTED :28/10/2023 17:59:41
8800465156		

Test Report Status	<u>Preliminary</u>
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Results

Biological Reference Interval Units

	HAEMATOLOGY		
MEDI WHEEL FULL BODY HEALTH CHECK UP	BELOW 40 MALE		
ERYTHROCYTE SEDIMENTATION RATE (ESR)	,WHOLE		
E.S.R	10	0 - 14	mm at 1 hr
GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA BLOOD	WHOLE		
HBA1C	5.5	Non-diabetic: < 5.7 Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5 Therapeutic goals: < 7.0 Action suggested : > 8.0 (ADA Guideline 2021)	%
ESTIMATED AVERAGE GLUCOSE(EAG)	111.2	< 116.0	mg/dL

Interpretation(s)

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

LIMITATIONS

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. GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD-**Used For**:

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

Diagnosing diabetes.
 Identifying patients at increased risk for diabetes (prediabetes).

The ADA recommends measurement of HbAIc (typically 3-4 times per year for type 1 and poorly controlled type 2 diabetic patients, and 2 times per year for well-controlled type 2 diabetic patients) to determine whether a patients metabolic control has remained continuously within the target range.



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PATIENT NAME : ANGOM NOBINCHANDRA SINGH (BOBE49278)) REF. DOCTOR : DR. MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355	ACCESSION NO : 0290WJ005135	AGE/SEX	:34 Years	Male
	PATIENT ID : ANGOM110289290	DRAWN	:	
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	ABHA NU : C		: 28/10/2023	
NEW DELHI 110030		REPORTED	:28/10/2023	17:59:41
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Test Report Status	Preliminary	Results	Biological Reference Interval	Units
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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 : 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



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Biological Reference Interval Units

REF. DOCTOR : DR. MEDI WHEEL FULL BODY HEALTH CHECK PATIENT NAME : ANGOM NOBINCHANDRA SINGH (BOBE49278)) UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355	ACCESSION NO : 0290WJ005135	AGE/SEX	:34 Years Male
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID : ANGOM110289290	DRAWN	:
F-703, LADO SARAI, MEHRAULISOUTH WEST		DECEIVED	:28/10/2023 13:46:30
DELHI	ABHA NO : C		, ,
NEW DELHI 110030		REPORIED	:28/10/2023 17:59:41
8800465156			

	IMMUNOHAEMATOLOGY	
MEDI WHEEL FULL BODY HEALT	H CHECK UP BELOW 40 MALE	
ABO GROUP & RH TYPE, EDTA W	/HOLE BLOOD	
ABO GROUP	TYPE O	
RH TYPE	POSITIVE	

Results

Test Report Status

Interpretation(s) 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.

Preliminary



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Biological Reference Interval Units

PATIENT NAME : ANGOM NOBINCHANDRA SINGH (BOBE49278))	REF. DOCTOR : DR. MEDI WHEEL FULL BODY HEALTH CHECK
	UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355	ACCESSION NO : 0290WJ005135	AGE/SEX	: 34 Years	Male
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID : ANGOM110289290	DRAWN	:	
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	SHENT BATIENT ID: (BOBE49278)	RECEIVED	: 28/10/2023	13:46:30
NEW DELHI 110030		REPORTED	:28/10/2023	17:59:41
8800465156				

Results

BIOCHEMISTRY

Test Report Status	Status <u>Preliminary</u>	
		В

MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE						
GLUCOSE FASTING,FLUORIDE PLASMA						
FBS (FASTING BLOOD SUGAR) GLUCOSE, POST-PRANDIAL, PLASMA	94	74 - 99	mg/dL			
PPBS(POST PRANDIAL BLOOD SUGAR)	112	Normal: < 140, Impaired Glucose Tolerance:140-199 Diabetic > or = 200	mg/dL			
LIPID PROFILE WITH CALCULATED LDL						
CHOLESTEROL, TOTAL	199	Desirable: <200 BorderlineHigh : 200-239 High : > or = 240	mg/dL			
TRIGLYCERIDES	58	Desirable: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High : > or = 500	mg/dL			
HDL CHOLESTEROL	48	< 40 Low > or = 60 High	mg/dL			
CHOLESTEROL LDL	139 High	Adult levels: Optimal < 100 Near optimal/above optimal 100-129 Borderline high : 130-159 High : 160-189 Very high : = 190	mg/dL :			
NON HDL CHOLESTEROL	151 High	Desirable: Less than 130 Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220	mg/dL			
VERY LOW DENSITY LIPOPROTEIN	11.6	< or = 30	mg/dL			
CHOL/HDL RATIO	4.2	3.3 - 4.4				
LDL/HDL RATIO	2.9	0.5 - 3.0 Desirable/Low Risk 3.1 - 6.0 Borderline/Modera Risk >6.0 High Risk				



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PERFORMED AT :

Indore, 452001 Madhya Pradesh, India Tel: 0731 2490008

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

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CODE/NAME & ADDRESS : C000138355	ACCESSION NO : 029	DWJ005135	AGE/SEX : 34 Years Male		
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL		OM110289290	DRAWN :		
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI			RECEIVED :28/10/2023 13:46:30 REPORTED :28/10/2023 17:59:41		
NEW DELHI 110030					
8800465156					
Test Report Status <u>Preliminary</u>	Results	Biological	Reference Interval Units		
LIVER FUNCTION PROFILE, SERUM					
BILIRUBIN, TOTAL	0.43	0.0 - 1.2	mg/dL		
BILIRUBIN, DIRECT	0.18	0.0 - 0.2	mg/dL		
BILIRUBIN, INDIRECT	0.25	0.00 - 1.0	0 mg/dL		
TOTAL PROTEIN	7.5	6.4 - 8.3	g/dL		
ALBUMIN	4.5	3.50 - 5.2	0 g/dL		
GLOBULIN	3.0	2.0 - 4.1	g/dL		
ALBUMIN/GLOBULIN RATIO	1.5	1.0 - 2.0	RATIO		
ASPARTATE AMINOTRANSFERASE(AST/SGOT)	27	UPTO 40	U/L		
ALANINE AMINOTRANSFERASE (ALT/SGPT)	28	UP TO 45	U/L		
ALKALINE PHOSPHATASE	83	40 - 129	U/L		
GAMMA GLUTAMYL TRANSFERASE (GGT)	14	8 - 61	U/L		
LACTATE DEHYDROGENASE	148	135 - 225	U/L		
BLOOD UREA NITROGEN (BUN), SERUM					
BLOOD UREA NITROGEN	13	6 - 20	mg/dL		
CREATININE, SERUM					
CREATININE	0.85	0.70 - 1.2	0 mg/dL		
BUN/CREAT RATIO					
BUN/CREAT RATIO	15.29 High	5.0 - 15.0			
URIC ACID, SERUM					
URIC ACID	5.7	3.5 - 7.2	mg/dL		
TOTAL PROTEIN, SERUM					
TOTAL PROTEIN	7.5	6.4 - 8.3	g/dL		
ALBUMIN, SERUM					
ALBUMIN	4.5	3.5 - 5.2	g/dL		
GLOBULIN					
GLOBULIN	3.0	2.0 - 4.1	g/dL		
ELECTROLYTES (NA/K/CL), SERUM					
SODIUM, SERUM	143.0	136.0 - 14	16.0 mmol/L		
POTASSIUM, SERUM	4.16	3.50 - 5.1			
CHLORIDE, SERUM	105.2	98.0 - 106			



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DELHI ABHA NOATENT ID. (BOBL49278) REFORTED 28/10/2023 17:59: 8800465156	
	1
CODE/NAME & ADDRESS : C000138355ACCESSION NO : 0290WJ005135AGE/SEX : 34 YearsMaleARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DFI HIPATIENT ID : ANGOM110289290DRAWN :ECEIVED : 28/10/2023 13:46:	0

Interpretation(s)

GLUCOSE FASTING, FLUORIDE PLASMA-TEST DESCRIPTION

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

Increased in: Diabetes mellitus, Cushing's syndrome (10 – 15%), chronic pancreatitis (30%). Drugs:corticosteroids, phenytoin, estrogen, thiazides.

Decreased in : 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.

NOTE: While random serum glucose levels correlate with home glucose monitoring results (weekly mean capillary glucose values), there is wide fluctuation 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 Hypoglycemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc.Additional test HbA1c

LIVER FUNCTION PROFILE, SERUM-Bilirubin 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. **Elevated levels** results from increased bilirubin production (eg, hemolysis and ineffective erythropoiesis), decreased bilirubin excretion (eg, obstruction and hepatitis), and abnormal 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.

AST 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 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.

ALP is a protein found in almost all body tissues. Tissues with higher amounts of ALP include the liver, bile ducts and bone. Elevated ALP levels are seen in Biliary 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.

GGT is an enzyme found in cell membranes of many tissues mainly in the liver,kidney and pancreas. It is also found in other tissues including 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,biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease,high alcohol consumption and use of enzyme-inducing drugs etc.

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,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. 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. Low blood albumin levels (hypoalbuminemia) can be caused by: 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 BLOOD UREA NITROGEN (BUN), SERUM-**Causes of Increased** levels include Pre renal (High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal), Renal Failure, Post Renal (Malignancy, Nephrolithiasis, Prostatism) Causes of decreased level include 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:• Myasthenia Gravis, Muscuophy
 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:-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,Multiple Sclerosis
 TOTAL_PROTEIN_CEPUM is a biochomical tot for macrume the total amount of action is accurate total amount of actions in the elevent is used on a fully and actions

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. 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.

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. Low blood albumin levels (hypoalbuminemia) can be caused by: 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.

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PATIENT NAME : ANGOM NOBINCHANDRA SINGH (BOBE49278))	REF. DOCTOR : DR. MEDI WHEEL FULL BODY HEALTH CHECK
	UP BELOW 40 MALE

CODE/NAME & ADDRESS : C000138355	ACCESSION NO	: 0290WJ005135	AGE/SEX	:34 Years	Male
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID	: ANGOM110289290	DRAWN	:	
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	APHEN NOATIEN		-	: 28/10/2023	
NEW DELHI 110030			REPORTED	:28/10/2023	17:59:41
8800465156					

Test Report Status	<u>Preliminary</u>
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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						
РН	5.0	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	3-5	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.					

Aspita

Dr.Arpita Pasari, MD Consultant Pathologist

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

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CODE/NAME & ADDRESS : C000138355	ACCESSION NO : 0290WJ005135	AGE/SEX	:34 Years Male
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID : ANGOM110289290	DRAWN	:
F-703, LADO SARAI, MEHRAULISOUTH WEST	ABIENT BATIENT ID: (BOBE49278)		:28/10/2023 13:46:30
DELHI			
NEW DELHI 110030		REPORIED	:28/10/2023 17:59:41
8800465156			

Test Report Status	Preliminary
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Results

Biological Reference Interval Units

SPECIALISED CHEMISTRY - HORMONE					
MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE					
THYROID PANEL, SERUM					
ТЗ	102.20	80.0 - 200.0	ng/dL		
T4	6.66	5.10 - 14.10	µg/dL		
TSH (ULTRASENSITIVE)	8.330 High	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

Fortis Hospital, Sector 62, Phase VIII,

Mohali 160062

1. It is presumed that the test sample belongs to the patient 5. AGILUS Diagnostics confirms that all tests have been named or identified in the test requisition form. performed or assayed with highest quality standards, clinical safety & technical integrity. 2. All tests are performed and reported as per the turnaround time stated in the AGILUS Directory of Services. 6. Laboratory results should not be interpreted in isolation; it must be correlated with clinical information and be 3. Result delays could occur due to unforeseen circumstances such as non-availability of kits / equipment interpreted by registered medical practitioners only to breakdown / natural calamities / technical downtime or any determine final diagnosis. other unforeseen event. Test results may vary based on time of collection, 7. 4. A requested test might not be performed if: physiological condition of the patient, current medication or i. Specimen received is insufficient or inappropriate nutritional and dietary changes. Please consult your doctor ii. Specimen quality is unsatisfactory or call us for any clarification. iii. Incorrect specimen type 8. Test results cannot be used for Medico legal purposes. iv. Discrepancy between identification on specimen 9. In case of queries please call customer care (91115 91115) within 48 hours of the report. container label and test requisition form Agilus Diagnostics Ltd

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

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/iew Details

