

PATIENT NAME : SANOBER MANSURI / SN896	55 REF. DOCTOR :	SELF
CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	ACCESSION NO : <b>0321XC000124</b> PATIENT ID : SANOF300889321	AGE/SEX : 34 Years Female
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030	CLIENT PATIENT ID: ABHA NO :	RECEIVED : 02/03/2024 14:32:42 REPORTED : 02/03/2024 18:20:47
8800465156 Test Report Status <u>Preliminary</u>	Results Biologica	l Reference Interval Units

# MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWR BOUFEMPALIED ING

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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PATIENT NAME : SANOBER MANSURI / SN8965	5 REF. DOCTOR : S	SELF
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	PATIENT ID : SANOF300889321 CLIENT PATIENT ID:	AGE/SEX : 34 Years Female DRAWN : RECEIVED : 02/03/2024 14:32:42 REPORTED : 02/03/2024 18:20:47
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MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWR BOUFEMANDED ING		
ULTRASOUND ABDOMEN	RESULT PENDING	
TMT OR ECHO	RESULT PENDING	

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PATIENT NAME : SANOBER MANSURI / SN8965	5 REF. DOCTOR : 5	SELF
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321XC000124	AGE/SEX : 34 Years Female
	PATIENT ID : SANOF300889321	DRAWN :
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	CLIENT PATIENT ID:	RECEIVED : 02/03/2024 14:32:42
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	<u> </u>	1
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HAEMATOLOGY - CBC			
MEDI WHEEL FULL BODY HEALTH CHECKUP BE	OW 40FEMALE		
BLOOD COUNTS, EDTA WHOLE BLOOD			
HEMOGLOBIN (HB)	12.6	12.0 - 15.0	g/dL
RED BLOOD CELL (RBC) COUNT	4.73	3.8 - 4.8	mil/µL
WHITE BLOOD CELL (WBC) COUNT	5.88	4.0 - 10.0	thou/µL
PLATELET COUNT	296	150 - 410	thou/µL
RBC AND PLATELET INDICES			
HEMATOCRIT (PCV)	39.9	36.0 - 46.0	%
MEAN CORPUSCULAR VOLUME (MCV)	84.4	83.0 - 101.0	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	26.7 Low	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	31.6	31.5 - 34.5	g/dL
CONCENTRATION (MCHC)	51.0	51.5 51.5	5, ~ -
RED CELL DISTRIBUTION WIDTH (RDW)	15.4 High	11.6 - 14.0	%
MENTZER INDEX	17.8		
MEAN PLATELET VOLUME (MPV)	8.1	6.8 - 10.9	fL
WBC DIFFERENTIAL COUNT			
NEUTROPHILS	53	40 - 80	%
LYMPHOCYTES	37	20 - 40	%
MONOCYTES	6	2.0 - 10.0	%
EOSINOPHILS	3	1.0 - 6.0	%
BASOPHILS	1	0 - 1	%
ABSOLUTE NEUTROPHIL COUNT	3.12	2.0 - 7.0	thou/µL
ABSOLUTE LYMPHOCYTE COUNT	2.18	1.0 - 3.0	thou/µL
ABSOLUTE MONOCYTE COUNT	0.35	0.2 - 1.0	thou/µL
ABSOLUTE EOSINOPHIL COUNT	0.18	0.02 - 0.50	thou/µL
ABSOLUTE BASOPHIL COUNT	0.06	0.02 - 0.10	thou/µL

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NEUTROPHIL LYMPHOCYTE RATIO (NLR) 1.4

RBC NORMOCYTIC NORMOCHROMIC
WBC NORMAL MORPHOLOGY
PLATELETS ADEQUATE
REMARKS NO PREMATURE CELLS ARE SEEN. MALARIAL PARASITE NOT DETECTED.

<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 scenario 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) 106504

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

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HAEMATOLOGY				
MEDI WHEEL FULL BODY HEALTH CHECKUP B	ELOW 40FEMALE			
ERYTHROCYTE SEDIMENTATION RATE (ESR),EDTA BLOOD				
E.S.R	13	0 - 20	mm at 1 hr	
GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA BLOOD HBA1C ESTIMATED AVERAGE GLUCOSE(EAG)	5.6 114.0	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) < 116.0	% mg/dL	

<b>Interpretation(s)</b>

ERYTHROCYTE SEDIMENTATION RATE (ESR), EDTA BLOOD-<b>TEST DESCRIPTION</b> :-

Explore 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>

<b>Increase</b> 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<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>

<b>False elevated</b> ESR : Increased fibrinogen, Drugs(Vitamin A, Dextran etc), Hypercholesterolemia <b>False Decreased</b> : 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

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for the adult reference range is "Practical Haematology by Dacie and Lewis, 10th edition.

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

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 HbA1c (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.

1. 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

<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 a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of the testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is a supersented of testing of HbA1c.Abnormal Hemoglobin electrophoresis (HDLC method) is a supersented of testing of HbA1c.Abnormal Hemoglobin electrophoresis (HDLC method) is a supersented of testing of HbA1c.Abnormal Hemoglobin electrophoresis (HDLC method) is a supersented of testing of HbA1c.Abnormal Hemoglobin electrophoresis (HDLC method) is a recommended for detecting a hemoglobinopathy

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CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321XC00012	24 AGE/SEX : 34 Years Female
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID : SANOF3008893	321 DRAWN :
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	CLIENT PATIENT ID:	RECEIVED : 02/03/2024 14:32:42
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**Test Report Status Preliminary**  Results

**Biological Reference Interval** Units

IMM	UNOHAEMATOLOGY		
MEDI WHEEL FULL BODY HEALTH CHECKUP BEL	MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE		
ABO GROUP & RH TYPE, EDTA WHOLE BLOOD			
ABO GROUP	TYPE B		
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.

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	PATIENT ID : SANOF300889321	DRAWN :
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Results

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

BIOCHEMISTRY			
MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE			
GLUCOSE FASTING, FLUORIDE PLASMA			
FBS (FASTING BLOOD SUGAR)	89	74 - 99	mg/dL
GLUCOSE, POST-PRANDIAL, PLASMA			
PPBS(POST PRANDIAL BLOOD SUGAR)	93	70 - 140	mg/dL
LIPID PROFILE WITH CALCULATED LDL			
CHOLESTEROL, TOTAL	164	Desirable: < 200 BorderlineHigh: 200 - 239 High: > or = 240	mg/dL
TRIGLYCERIDES	64	Desirable: < 150 BorderlineHigh: 150 - 199 High: 200 - 499 Very High: > or = 500	mg/dL
HDL CHOLESTEROL	55	< 40 Low > or = 60 High	mg/dL
CHOLESTEROL LDL	96	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	109	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	12.8	< or = 30	mg/dL
CHOL/HDL RATIO	3.0 Low	3.3 - 4.4	
LDL/HDL RATIO	1.7	0.5 - 3.0 Desirable/Low Risl 3.1 - 6.0 Borderline/Modera	

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Risk		
>6.0	High	Risk

LIVER FUNCTION	<b>PROFILE, SERUM</b>
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BILIRUBIN, TOTAL	0.47	Upto 1.2	mg/dL
BILIRUBIN, DIRECT	0.24 High	Upto 0.2	mg/dL
BILIRUBIN, INDIRECT	0.23	0.00 - 1.00	mg/dL
TOTAL PROTEIN	7.2	6.4 - 8.3	g/dL
ALBUMIN	4.7	3.5 - 5.2	g/dL
GLOBULIN	2.5	2.0 - 4.1	g/dL
ALBUMIN/GLOBULIN RATIO	1.9	1.0 - 2.0	RATIO
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	10	0 - 32	U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT)	7	0 - 33	U/L
ALKALINE PHOSPHATASE	63	35 - 104	U/L
GAMMA GLUTAMYL TRANSFERASE (GGT)	17	5 - 36	U/L
LACTATE DEHYDROGENASE	155	135 - 214	U/L
BLOOD UREA NITROGEN (BUN), SERUM			
BLOOD UREA NITROGEN (BUN), SERUM BLOOD UREA NITROGEN	5 Low	6 - 20	mg/dL
	5 Low	6 - 20	mg/dL
	5 Low	6 - 20	mg/dL
	5 Low	6 - 20	mg/dL
BLOOD UREA NITROGEN	5 Low 0.52 Low	6 - 20 0.60 - 1.10	mg/dL mg/dL
BLOOD UREA NITROGEN			
BLOOD UREA NITROGEN CREATININE, SERUM CREATININE			
BLOOD UREA NITROGEN			

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CODE/NAME & ADDRESS : C000138364 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	ACCESSION NO : <b>0321XC0</b> PATIENT ID : SANOF300 CLIENT PATIENT ID: ABHA NO :	0889321 DRAWN : RECEIVED : 02/0	ears Female 13/2024 14:32:42 13/2024 18:20:47
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			<i>.</i>
URIC ACID	3.5	2.4 - 5.7	mg/dL
TOTAL PROTEIN, SERUM			
TOTAL PROTEIN	7.2	6.4 - 8.3	g/dL
ALBUMIN, SERUM			
ALBUMIN	4.7	3.5 - 5.2	g/dL
<b>GLOBULIN</b> GLOBULIN	2.5	2.0 - 4.1	g/dL
	215	210 111	5,
ELECTROLYTES (NA/K/CL), SERUM			
SODIUM, SERUM	138.3	136 - 145	mmol/L
POTASSIUM, SERUM CHLORIDE, SERUM	4.21 104.9	3.3 - 5.1 98 - 106	mmol/L mmol/L
CHEORIDE, SERON	107.9	<u> </u>	

<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.

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<b>NOTE:</b>
 <b>While random serum glucose levels correlate with home glucose monitoring results (weekly mean capillary glucose values), there is wide fluctuation

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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-

<b>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</b> results from increased bilirubin production (eg, hemolysis and ineffective erythropoiesis), decreased more than unconjugated (indirect) bilirubin in Viral 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.

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.

<b>ALP</b> 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. <b>GGT</b> 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

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.

<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.
 >Albumin</b> 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</b> levels include Pre renal (High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal), Renal Failure, Post Renal (Malignancy, Nephrolithiasis, Prostatism) <br/><br/><br/><br/>causes of decreased</br/>/b> level include Liver disease, SIADH.

 CREATININE, SERUM-<b>Higher than normal level may be due to:</b>
 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, blockage in the driving vract, knicky broblems, such as knicky damage of raining, intection, or reduced blood now, coss of body intid (dehydration), Muscle provide a solution of the second blood now, coss of body intid (dehydration), Muscle provide a solution of the second blood now, coss of body intid (dehydration), Muscle provide a solution of the second blood now, coss of body intid (dehydration), Muscle provide a solution of the second blood now, coss of body intid (dehydration), Muscle provide a solution of the second blood now, coss of body intid (dehydration), Muscle provide a solution of the second blood now, coss of body intid (dehydration), Muscle provide a solution, or high blood pressure caused by pregnancy (precelampsia) <br/> <br/> <br/> URIC ACID, SERUM-<br/> <br/> Causes of Increased levels:</br/> <br/> -Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2<br/> DM,Metabolic syndrome <br/> <br/> <br/> Causes of decreased levels</br/> <br/> -Dietary(High Protein Intake,OCP,Multiple Sclerosis<br/> 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.

<b>Higher-than-normal levels may be due to:</b> Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstroms disease <b>Lower-than-normal levels may be due to:</b> 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. <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.Miral Gajera Consultant Pathologist** 







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PATIENT NAME : SANOBER MANSURI / SN8965	5 REF. DOCTOR :	SELF
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	ACCESSION NO : <b>0321XC000124</b> PATIENT ID : SANOF300889321 CLIENT PATIENT ID: ABHA NO :	AGE/SEX : 34 Years Female DRAWN : RECEIVED : 02/03/2024 14:32:42 REPORTED : 02/03/2024 18:20:47
Test Report Status <u>Preliminary</u>	Results Biological	Reference Interval Units

	IICAL PATH - URINALYSIS	
MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE		
PHYSICAL EXAMINATION, URINE		
COLOR	Yellow	
APPEARANCE	Clear	
CHEMICAL EXAMINATION, URINE		
PH	5.5	4.7 - 7.5

r I I	5.5	4.7 - 7.5
SPECIFIC GRAVITY	<=1.005	1.003 - 1.035
PROTEIN	NOT DETECTED	NOT DETECTED
GLUCOSE	NOT DETECTED	NEGATIVE
KETONES	NOT DETECTED	NOT DETECTED
BLOOD	NOT DETECTED	NEGATIVE
BILIRUBIN	NOT DETECTED	NOT DETECTED
UROBILINOGEN	NORMAL	NORMAL
NITRITE	NOT DETECTED	NOT DETECTED
LEUKOCYTE ESTERASE	NOT DETECTED	NOT DETECTED

RED BLOOD CELLS	NOT DETECTED	NOT DETECTED	/HPF
PUS CELL (WBC'S)	2-3	0-5	/HPF
EPITHELIAL CELLS	1-2	0-5	/HPF
CASTS	NOT DETECTED		
CRYSTALS	NOT DETECTED		
BACTERIA	NOT DETECTED	NOT DETECTED	
YEAST	NOT DETECTED	NOT DETECTED	
REMARKS	MICROSCOPIC EXAMINATION OF URINE IS CARRIED OUT ON CENTRIFUGED URINARY SEDIMENT.		NC

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Dr.Miral Gajera Consultant Pathologist

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PATIENT NAME : SANOBER MANSURI / SN89655 REF. DOCTOR : SELF		
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	ACCESSION NO : <b>0321XC000124</b> PATIENT ID : SANOF300889321 CLIENT PATIENT ID: ABHA NO :	AGE/SEX :34 Years Female DRAWN : RECEIVED :02/03/2024 14:32:42 REPORTED :02/03/2024 18:20:47
Test Report Status <u>Preliminary</u>	Results Biological	Reference Interval Units

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Dr.Miral Gajera **Consultant Pathologist** 

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PATIENT NAME : SANOBER MANSURI / SN89655 REF. DOCTOR : SELF			
CODE/NAME & ADDRESS : C000138364	ACCESSION NO : 0321XC000124	AGE/SEX : 34 Years Female	
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL	PATIENT ID : SANOF300889321	DRAWN :	
F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI NEW DELHI 110030 8800465156	CLIENT PATIENT ID: ABHA NO :	RECEIVED : 02/03/2024 14:32:42 REPORTED :02/03/2024 18:20:47	
Test Report Status <u>Preliminary</u>	Results Biologic	al Reference Interval Units	

	CYTOLOGY	]
MEDI WHEEL FULL BODY HEALTH CHECK	UP BELOWRESUFEMARLEDING	
PAPANICOLAOU SMEAR	RESULT PENDING	
LETTER	RESULT PENDING	

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PATIENT NAME : SANOBER MANSURI / SN8965	5 REF. DOCTOR : S	SELF
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	ACCESSION NO : <b>0321XC000124</b> PATIENT ID : SANOF300889321 CLIENT PATIENT ID: ABHA NO :	AGE/SEX : 34 Years Female DRAWN : RECEIVED : 02/03/2024 14:32:42 REPORTED : 02/03/2024 18:20:47
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CLINICAL PATH - STOOL ANALYSIS		
MEDI WHEEL FULL BODY HEALTH CHECKUP B	ELOWRESOFEMARLEDING	
PHYSICAL EXAMINATION, STOOL	RESULT PENDING	
CHEMICAL EXAMINATION, STOOL	RESULT PENDING	
MICROSCOPIC EXAMINATION, STOOL	RESULT PENDING	

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PATIENT NAME : SANOBER MANSURI / SN89655 REF. DOCTOR : SELF			
	ACCESSION NO : <b>0321XC000124</b> PATIENT ID : SANOF300889321 CLIENT PATIENT ID: ABHA NO :	AGE/SEX : 34 Years Female DRAWN : RECEIVED : 02/03/2024 14:32:42 REPORTED : 02/03/2024 18:20:47	
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### **SPECIALISED CHEMISTRY - HORMONE**

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE			
THYROID PANEL, SERUM			
Τ3	113.30	Non-Pregnant Women 80.0 - 200.0 Pregnant Women 1st Trimester:105.0 - 230.0 2nd Trimester:129.0 - 262.0 3rd Trimester:135.0 - 262.0	)
Τ4	8.72	Non-Pregnant Women 5.10 - 14.10 Pregnant Women 1st Trimester: 7.33 - 14.80 2nd Trimester: 7.93 - 16.10 3rd Trimester: 6.95 - 15.70	µg/dL
TSH (ULTRASENSITIVE)	1.170	Non Pregnant Women 0.27 - 4.20 Pregnant Women (As per American Thyroid Associatio 1st Trimester 0.100 - 2.500 2nd Trimester 0.200 - 3.000 3rd Trimester 0.300 - 3.000	)

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

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ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI	ACCESSION NO : <b>0321XC000124</b> PATIENT ID : SANOF300889321 CLIENT PATIENT ID: ABHA NO :	AGE/SEX : 34 Years Female DRAWN : RECEIVED : 02/03/2024 14:32:42 REPORTED : 02/03/2024 18:20:47	
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## **CONDITIONS OF LABORATORY TESTING & REPORTING**

 It is presumed that the test sample belongs to the patient named or identified in the test requisition form.
 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

5. 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.

9. 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

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