

CODE/NAME & ADDRESS: C000138363

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

DELHI

NEW DELHI 110030

8800465156

ACCESSION NO: 0031XB020776

PATIENT ID: DEBOF21078831

CLIENT PATIENT ID: ABHA NO : AGE/SEX :35 Years Female DRAWN :24/02/2024 11:15:00 RECEIVED :24/02/2024 11:41:56 REPORTED :26/02/2024 11:24:34

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

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

XRAY-CHEST

IMPRESSION NO ABNORMALITY DETECTED

ECG

ECG WITHIN NORMAL LIMITS

MEDICAL HISTORY

RELEVANT PRESENT HISTORY Left knee ligament tear.

RELEVANT PAST HISTORY Covid

RELEVANT PERSONAL HISTORY NOT SIGNIFICANT

RELEVANT FAMILY HISTORY Father - Diabetes, Hypothyroid

OCCUPATIONAL HISTORY NOT SIGNIFICANT HISTORY OF MEDICATIONS NOT SIGNIFICANT

ANTHROPOMETRIC DATA & BMI

HEIGHT IN METERS1.57mtsWEIGHT IN KGS.81Kgs

BMI 8 Weight Status as follows/sqmts

Below 18.5: Underweight 18.5 - 24.9: Normal 25.0 - 29.9: Overweight 30.0 and Above: Obese

GENERAL EXAMINATION

MENTAL / EMOTIONAL STATE NORMAL
PHYSICAL ATTITUDE NORMAL
GENERAL APPEARANCE / NUTRITIONAL OBESE

Desilve Ray

Dr. Debika Roy MBBS Consultant Physician Page 1 Of 21





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STATUS

BUILT / SKELETAL FRAMEWORK AVERAGE
FACIAL APPEARANCE NORMAL
SKIN NORMAL
UPPER LIMB NORMAL
LOWER LIMB NORMAL
NECK NORMAL

NECK LYMPHATICS / SALIVARY GLANDS NOT ENLARGED OR TENDER

THYROID GLAND NOT ENLARGED

CAROTID PULSATION NORMAL BREAST (FOR FEMALES) NORMAL TEMPERATURE NORMAL

PULSE 80/min-REGULAR, ALL PERIPHERAL PULSES WELL FELT

RESPIRATORY RATE NORMAL

CARDIOVASCULAR SYSTEM

BP 126/78 mm Hg

PERICARDIUM NORMAL
APEX BEAT NORMAL

HEART SOUNDS S1, S2 HEARD NORMALLY

MURMURS ABSENT

RESPIRATORY SYSTEM

SIZE AND SHAPE OF CHEST NORMAL
MOVEMENTS OF CHEST SYMMETRICAL
BREATH SOUNDS INTENSITY NORMAL

BREATH SOUNDS QUALITY VESICULAR (NORMAL)

ADDED SOUNDS ABSENT

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mm/Hg



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PER ABDOMEN

APPEARANCE NORMAL VENOUS PROMINENCE ABSENT

LIVER NOT PALPABLE SPLEEN NOT PALPABLE HERNIA ABSENT

CENTRAL NERVOUS SYSTEM

HIGHER FUNCTIONS

CRANIAL NERVES

CEREBELLAR FUNCTIONS

SENSORY SYSTEM

MOTOR SYSTEM

REFLEXES

NORMAL

NORMAL

NORMAL

MUSCULOSKELETAL SYSTEM

SPINE NORMAL JOINTS NORMAL

BASIC EYE EXAMINATION

CONJUNCTIVA NORMAL
EYELIDS NORMAL
EYE MOVEMENTS NORMAL
DISTANT VISION RIGHT EYE WITHOUT 6/6
GLASSES

DISTANT VISION LEFT EYE WITHOUT GLASSES

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NEAR VISION RIGHT EYE WITHOUT

GLASSES

NEAR VISION LEFT EYE WITHOUT GLASSES

COLOUR VISION

N6

N36 NORMAL

BASIC ENT EXAMINATION

EXTERNAL EAR CANAL NORMAL TYMPANIC MEMBRANE NORMAL

NOSE NO ABNORMALITY DETECTED

SINUSES NORMAL

THROAT NO ABNORMALITY DETECTED

TONSILS NOT ENLARGED

BASIC DENTAL EXAMINATION

TEETH NORMAL GUMS HEALTHY

SUMMARY

RELEVANT HISTORY

RELEVANT GP EXAMINATION FINDINGS

NOT SIGNIFICANT
Obese (81 kg)

RELEVANT LAB INVESTIGATIONS Raised Cholesterol(230),TGL(209),LDL(149),NON HDL(191)

RELEVANT NON PATHOLOGY DIAGNOSTICS NO ABNORMALITIES DETECTED

REMARKS / RECOMMENDATIONS

On examination and investigations the candidate is found to

be obese and has raised Cholesterol(230),TGL(209),LDL(149),NON HDL

(191)

Should follow the given advice:

- 1. Avoid fat and oily diet
- 2. Reduce body weight
- 3. Estimated body weight should be: 60 kg
- 4. Regular physical exercise and walking
- 5. Drink plenty of water

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Units

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Results

6. Physician and Dietician consultation

Biological Reference Interval

Comments

MEDICAL EXAMINATION DONE BY:

DR. DEBIKA ROY, MBBS REG NO: 51651 (WBMC) CONSULTANT PHYSICIAN WELLNESS CLINIC SALT LAKE REF LAB, KOLKATA

Test Report Status

Preliminary

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Dr. Debika Roy **MBBS Consultant Physician**



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Female

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:35 Years

AGE/SEX

Test Report Status Preliminary Results Units

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWR BY SUFFEM PARLYED ING

ULTRASOUND ABDOMEN

RESULT PENDING

TMT OR ECHO

CLINICAL PROFILE

Echo done - Normal

Interpretation(s)
MEDICAL HISTORY-

THIS REPORT CARRIES THE SIGNATURE OF OUR LABORATORY DIRECTOR. THIS IS AN INVIOLABLE FEATURE OF OUR LAB MANAGEMENT SOFTWARE. HOWEVER, ALL EXAMINATIONS AND INVESTIGATIONS HAVE BEEN CONDUCTED BY OUR PANEL OF DOCTORS.

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Test Report Status Preliminary Results Biological Reference Interval Units

HAEMATOLOGY - CBC			
MEDI WHEEL FULL BODY HEALTH CHECKUP BE	LOW 40FEMALE		
BLOOD COUNTS,EDTA WHOLE BLOOD			
HEMOGLOBIN (HB)	12.3	12.0 - 15.0	g/dL
RED BLOOD CELL (RBC) COUNT	4.70	3.8 - 4.8	mil/μL
WHITE BLOOD CELL (WBC) COUNT	5.32	4.0 - 10.0	thou/µL
PLATELET COUNT	184	150 - 410	thou/µL
RBC AND PLATELET INDICES			•
HEMATOCRIT (PCV)	36.0	36 - 46	%
MEAN CORPUSCULAR VOLUME (MCV)	76.6 Low	83 - 101	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	26.1 Low	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC)	34.0	31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW)	15.1 High	11.6 - 14.0	%
MENTZER INDEX	16.3		
MEAN PLATELET VOLUME (MPV)	8.9	6.8 - 10.9	fL
WBC DIFFERENTIAL COUNT			
NEUTROPHILS	54	40 - 80	%
LYMPHOCYTES	39	20 - 40	%
MONOCYTES	6	2 - 10	%
EOSINOPHILS	1	1 - 6	%
BASOPHILS	0	0 - 2	%
ABSOLUTE NEUTROPHIL COUNT	2.87	2.0 - 7.0	thou/µL
ABSOLUTE LYMPHOCYTE COUNT	2.07	1 - 3	thou/µL
ABSOLUTE MONOCYTE COUNT	0.32	0.20 - 1.00	thou/µL
ABSOLUTE EOSINOPHIL COUNT	0.05	0.02 - 0.50	thou/µL
ABSOLUTE BASOPHIL COUNT	0.00 Low	0.02 - 0.10	thou/µL

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MORPHOLOGY

RBC PREDOMINANTLY MICROCYTIC HYPOCHROMIC

NORMAL MORPHOLOGY **WBC**

ADEQUATE PLATELETS

Should be should be

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)

(<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.

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HAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ERYTHROCYTE SEDIMENTATION RATE (ESR),EDTA BLOOD

E.S.R

9 0 - 20

mm at 1 hr

GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD

HBA1C

4.8

Non-diabetic Adult < 5.7 %

Pre-diabetes 5.7 - 6.4

Diabetes diagnosis: > or = 6.5 Therapeutic goals: < 7.0 Action suggested : > 8.0

(ADA Guideline 2021)

ESTIMATED AVERAGE GLUCOSE(EAG) 91.1 < 116.0 mg/dL

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AGE/SEX



Female

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:35 Years

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AGILUS DIAGNOSTICS LTD - KOLKATA Bio-Rad Variant II Turbo CDM 5.4 S/N: 16043

PATIENT REP V2TURBO_A1c

Patient Data

Sample ID: Patient ID: Name: Physician: Sex: DOB:

3107445631

Analysis Data Analysis Performed: Injection Number: Run Number:

Rack ID: 0003 Tube Number:

Report Generated:

Operator ID:

24/FEB/2024 13:17:05 3096 169

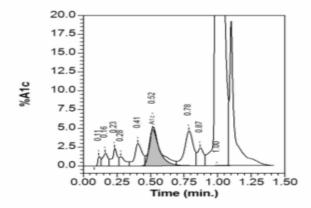
24/FEB/2024 13:22:09

Comments:

Peak Name	NGSP %	Area %	Retention Time (min)	Peak Area
Unknown		0.3	0.114	3672
A1a		0.7	0.161	8866
A1b		0.9	0.230	11773
F		0.6	0.278	7145
LA1c		1.7	0.405	21754
A1c	4.8		0.516	49507
P3		3.2	0.784	40233
P4		1.1	0.867	14175
Ao		87.6	0.996	1114223

Total Area: 1,271,349

HbA1c (NGSP) = 4.8 %



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:35 Years

Biological Reference Interval Units

AGE/SEX

Interpretation(s)

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

Preliminary

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.

Results

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.

d>TEST INTERPRETATION

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
b>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.
- 2. Diagnosing diabetes.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 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

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 (010 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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IMMUNOHAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD

TYPE A **ABO GROUP** RH TYPE **POSITIVE**

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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BIOCHEMISTRY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

GLUCOSE FASTING, FLUORIDE PLASMA

FBS (FASTING BLOOD SUGAR)

89

74 - 100

mg/dL

GLUCOSE, POST-PRANDIAL, PLASMA

PPBS(POST PRANDIAL BLOOD SUGAR)

118

140 Normal

mg/dL

140 - 199 Pre-diabetic > or = 200 Diabetic

LIPID PROFILE WITH CALCULATED LDL

230 High CHOLESTEROL, TOTAL

< 200 Desirable 200 - 239 Borderline High

mg/dL

mg/dL

mg/dL

mg/dL

>/= 240 High

TRIGLYCERIDES 209 High

< 150 Normal 150 - 199

Borderline High

200 - 499 High >/=500 Very High

39 Low HDL CHOLESTEROL

Low: < 40

CHOLESTEROL LDL

149 High

High: > / = 60

Optimal : < 100

mg/dL

Near optimal/above optimal:

100-129

Borderline high: 130-159

High: 160-189

Very high: > or = 190

191 High NON HDL CHOLESTEROL

Desirable: Less than 130 Above Desirable: 130-159

Borderline High: 160-189

High: 190 -219

Very High: >or = 220

41.8

mg/dL

CHOL/HDL RATIO 5.9

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VERY LOW DENSITY LIPOPROTEIN





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NEW DELHI 110030 8800465156 ACCESSION NO : **0031XB020776**

PATIENT ID : DEBOF21078831

CLIENT PATIENT ID: ABHA NO : AGE/SEX :35 Years Female
DRAWN :24/02/2024 11:15:00
RECEIVED :24/02/2024 11:41:56
REPORTED :26/02/2024 11:24:34

Test Report Status <u>Preliminary</u>	Results	Biological Reference	Interval Units
LDL/HDL RATIO	3.8		
LIVER FUNCTION PROFILE, SERUM			
BILIRUBIN, TOTAL	0.50	0.2 - 1.2	mg/dL
BILIRUBIN, DIRECT	0.20	0.0 - 0.5	mg/dL
BILIRUBIN, INDIRECT	0.30	0.1 - 1.0	mg/dL
TOTAL PROTEIN	7.5	6.0 - 8.30	g/dL
ALBUMIN	4.7	3.5 - 5.2	g/dL
GLOBULIN	2.8	2.0 - 3.5	g/dL
ALBUMIN/GLOBULIN RATIO	1.7	1 - 2.1	RATIO
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	21	5 - 34	U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT)	25	0 - 55	U/L
ALKALINE PHOSPHATASE	113	40 - 150	U/L
GAMMA GLUTAMYL TRANSFERASE (GGT)	18	8 -33	U/L
LACTATE DEHYDROGENASE	181	125 - 220	U/L
BLOOD UREA NITROGEN (BUN), SERUM			
BLOOD UREA NITROGEN (BON), SERON	7	7.0 - 18.7	mg/dL
BLOOD ORLA INTROGEN	,	7.0 - 16.7	mg/ u.c
CREATININE, SERUM			
CREATININE	0.81	0.50 - 1.00	mg/dL
CREATIVINE	0.01	0.50 1.00	mg, az
BUN/CREAT RATIO			
BUN/CREAT RATIO	8.64	5.0 - 15.0	
DOIN CILAT RATIO	0.04	3.0 - 13.0	

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Dr.Anwesha Chatterjee,MD Pathologist





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DELHI

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		<u> </u>		
Test Report Status	<u>Preliminary</u>	Results	Biological Reference	e Interval Units
URIC ACID, SERUM				
URIC ACID		4.6	2.6 - 6.0	mg/dL
TOTAL PROTEIN, SEF	RUM			
TOTAL PROTEIN		7.5	6.0 - 8.3	g/dL
ALBUMIN, SERUM				
ALBUMIN		4.7	3.5 - 5.2	g/dL
GLOBULIN				
GLOBULIN		2.8	2.0 - 3.5	g/dL
ELECTROLYTES (NA/	K/CL), SERUM			
SODIUM, SERUM		138	136 - 145	mmol/L
POTASSIUM, SERUM		4.10	3.5 - 5.1	mmol/L
CHLORIDE, SERUM		106	98 - 107	mmol/L

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

 d>-loreased in
 b>Increased in
 lose reading
 l (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.

Sulfonylureas,tolbutamide,and other oral hypoglycemic agents.

<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

Dr. Anwesha Chatterjee, MD **Pathologist**





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PERFORMED AT:

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West Bengal, India Tel: 9111591115, Fax: 30203412

CIN - U74899PB1995PLC045956 Email: customercare.saltlake@agilus.in



Interpretation(s)



AGE/SEX



Female

PATIENT NAME: DEBOSHREE DUTTA REF. DOCTOR: SELF

CODE/NAME & ADDRESS : C000138363 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

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

LIVER FUNCTION PROFILE, SERUM-

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.

 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.

 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.

ALP levels seen in Hypophosphatasia, Malnutrition, Protein deficiency, Wilsons disease.

<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, biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease, high alcohol consumption and use of enzyme-inducing drugs etc.

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

<b

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, mainutrition and wasting etc

BLOOD UREA NITROGEN (BUN), SERUM-

SER

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)

vb>Lower than normal level may be due to:

Myasthenia Gravis, Muscuophy

URIC ACID, SERUM-

Vb>Causes of Increased levels:
-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2

DM,Metabolic syndrome

DM,Metabolic syndrome

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.

SHUM-is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin.

SHigher-than-normal levels may be due to:
Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstroms disease.

Sb>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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Dr. Anwesha Chatterjee, MD **Pathologist**





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

CLINICAL PATH - URINALYSIS

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

PHYSICAL EXAMINATION, URINE

COLOR PALE YELLOW

APPEARANCE CLEAR

CHEMICAL EXAMINATION, URINE

PH	6.0	4.7 - 7.5
SPECIFIC GRAVITY	1.005	1.003 - 1.035
PROTEIN	NOT DETECTED	NEGATIVE
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	NEGATIVE	NOT DETECTED

MICROSCOPIC EXAMINATION, URINE

RED BLOOD CELLS	NOT DETECTED	NOT DETECTED	/HPF
PUS CELL (WBC'S)	1-2	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

Stimeri Morrow

Dr.Himadri Mondal, MD **Consultant Microbiologist**



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Results Biological Reference Interval Units

Comments

URINALYSIS: MICROSCOPIC EXAMINATION IS CARRIED OUT ON CENTRIFUGED URINARY SEDIMENT.

Himari Moran

Dr.Himadri Mondal, MD Consultant Microbiologist



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

CYTOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWRESUFEMPAILEDING

PAPANICOLAOU SMEAR RESULT PENDING LETTER RESULT PENDING

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AGE/SEX

3rd Trimester 0.300 - 3.000



Female

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SPECIALISED CHEMISTRY - HORMONE

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

THYROID PANEL, SERUM

ТЗ	112.6	Non-Pregnant Women 35 - 193/dL Pregnant Women 1st Trimester:105.0 - 230.0 2nd Trimester:129.0 - 262.0 3rd Trimester:135.0 - 262.0
T4	7.35	Non-Pregnant Women µg/dL 4.87 - 11.71 Pregnant Women 1st Trimester: 7.33 - 14.80 2nd Trimester: 7.93 - 16.10 3rd Trimester: 6.95 - 15.70
TSH (ULTRASENSITIVE)	1.680	Non-Pregnant Women 0.35 - µIU/mL 4.94 Pregnant Women (As per American Thyroid Association) 1st Trimester 0.100 - 2.500 2nd Trimester 0.200 - 3.000

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

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Dr.Anwesha Chatterjee,MD **Pathologist**





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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.
- 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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