

CODE/NAME & ADDRESS : C000138364 ACCESSION NO: 0321XC000626 AGE/SEX :33 Years Female

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

DELHI

NEW DELHI 110030

8800465156

PATIENT ID : AFRIF230390321A

CLIENT PATIENT ID:

RECEIVED: 09/03/2024 09:29:48

REPORTED :11/03/2024 12:23:23

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

ABHA NO

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

XRAY-CHEST

IMPRESSION NO ABNORMALITY DETECTED

ECG

NORMAL SINUS RHYTHM **ECG**

MEDICAL HISTORY

RELEVANT PRESENT HISTORY K/C/O HYPOTHYROIDISM ON TREATMENT SINCE 7 YEARS

P/H/O 2 C - SECTION 1.5 AND 7 YEARS BACK RELEVANT PAST HISTORY

NOT SIGNIFICANT RELEVANT PERSONAL HISTORY

MENSTRUAL HISTORY (FOR FEMALES) **REGULAR** 01/03/2024 LMP (FOR FEMALES) **OBSTETRIC HISTORY (FOR FEMALES)** G2,P2,A0,L2 1.5 YEARS LCB (FOR FEMALES)

NOT SIGNIFICANT RELEVANT FAMILY HISTORY NOT SIGNIFICANT OCCUPATIONAL HISTORY HISTORY OF MEDICATIONS **NOT SIGNIFICANT**

ANTHROPOMETRIC DATA & BMI

HEIGHT IN METERS 1.58 mts WEIGHT IN KGS. 70.4 Kgs

BMI 28 BMI & Weight Status as follows/sqmts

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

P. V. Kapadia

Dr. Priyank Kapadia

Physician

Dr.Sahil .N.Shah **Consultant Radiologist**





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GENERAL EXAMINATION

NORMAL MENTAL / EMOTIONAL STATE PHYSICAL ATTITUDE **NORMAL OVERWEIGHT** GENERAL APPEARANCE / NUTRITIONAL

STATUS

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

NOT ENLARGED OR TENDER NECK LYMPHATICS / SALIVARY GLANDS

NOT ENLARGED THYROID GLAND

NORMAL TEMPERATURE 76/MIN **PULSE NORMAL** RESPIRATORY RATE

CARDIOVASCULAR SYSTEM

ΒP 130/84 MM HG mm/Hg

> (SITTING) **NORMAL**

PERICARDIUM APEX BEAT **NORMAL**

S1, S2 HEARD NORMALLY **HEART SOUNDS**

MURMURS ABSENT

RESPIRATORY SYSTEM

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

BREATH SOUNDS QUALITY VESICULAR (NORMAL)

P. V. Kapadia

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Physician

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Consultant Radiologist





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ABSENT ADDED SOUNDS

PER ABDOMEN

NORMAL APPEARANCE

NOT PALPABLE LIVER **SPLEEN NOT PALPABLE**

CENTRAL NERVOUS SYSTEM

HIGHER FUNCTIONS **NORMAL NORMAL** CRANIAL NERVES **NORMAL** CEREBELLAR FUNCTIONS SENSORY SYSTEM **NORMAL** MOTOR SYSTEM **NORMAL REFLEXES NORMAL**

MUSCULOSKELETAL SYSTEM

NORMAL SPINE **JOINTS** NORMAL

BASIC EYE EXAMINATION

DISTANT VISION RIGHT EYE WITHOUT WITHIN NORMAL LIMIT

GLASSES

WITHIN NORMAL LIMIT DISTANT VISION LEFT EYE WITHOUT

GLASSES

WITHIN NORMAL LIMIT NEAR VISION RIGHT EYE WITHOUT

GLASSES

WITHIN NORMAL LIMIT NEAR VISION LEFT EYE WITHOUT GLASSES

NORMAL COLOUR VISION

P. V. Kapadia

Dr. Priyank Kapadia

Dr.Sahil .N.Shah

Consultant Radiologist





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Physician





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F-703, LADO SARAI, MEHRAULISOUTH WEST

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SUMMARY

RELEVANT HISTORY

RELEVANT GP EXAMINATION FINDINGS

RELEVANT LAB INVESTIGATIONS

K/C/O HYPOTHYROIDISM ON TREATMENT SINCE 7 YEARS

NOT SIGNIFICANT

HEMOGLOBIN:- LOW, MCV:- LOW, MCH:- LOW

ESR:- HIGH

HBA1C:- PRE-DIABETIC, MEAN PLASMA GLUCOSE:- HIGH

LDL:- HIGH

RELEVANT NON PATHOLOGY DIAGNOSTICS REMARKS / RECOMMENDATIONS

NO ABNORMALITIES DETECTED

1) HEMOGLOBIN:- LOW, MCV:- LOW, MCH:- LOW

ADV: - TAKE MORE DIETARY IRON

2) ESR:- HIGH

ADV:- PHYSICIAN OPINION

3) HBA1C:- PRE-DIABETIC, MEAN PLASMA GLUCOSE:- HIGH

ADV:- REDUCE INTAKE OF SWEET, SUGAR, STARCH IN DIET, REGULAR PHYSICAL EXERCISE, REPEAT FBS, PPBS AND HBA1C AND PHYSICIAN **OPINION SOS**

4) LDL:- HIGH

ADV:- LOW FAT DIET, REGULAR PHYSICAL EXERCISE

Comments

OUR PANEL DOCTORS FOR NON-PATHOLOGY TESTS:-

CHECK UP DONE BY: - DR. NAMRATA AGRAWAL (M.B.B.S)

REPORT REVIEWED BY:- DR. PRIYANK KAPADIYA (M.B.B.S DNB MEDICINE)

RADIOLOGIST: - DR. SAHIL N SHAH (M.D.RADIOLOGY)

P. V. Kapadia

Dr. Priyank Kapadia Physician

Dr.Sahil .N.Shah **Consultant Radiologist**



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P. V. Espadia

Dr.Priyank Kapadia Physician 5

Dr.Sahil .N.Shah Consultant Radiologist





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MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWRESUFEMPAELED ING

ULTRASOUND ABDOMEN

RESULT PENDING

TMT OR ECHO

CLINICAL PROFILE

2D ECHO:-

- 1) NORMAL CHAMBERS AND VALVES.
- 2) GOOD LV SYSTOLIC FUNCTION. LVEF 60%. NO RWMA AT REST.
- 3) NO MR, AR, TR.
- 4) NORMAL LV COMPLIANCE.
- 5) NO PAH.
- 6) NO LV CLOT, VEGETATION OR PERICARDIAL EFFUSION.
- 7) IAS/IVS INTACT.

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.

P. V. Kapadia

Dr. Priyank Kapadia **Physician**

Dr.Sahil .N.Shah **Consultant Radiologist**





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F-703, LADO SARAI, MEHRAULISOUTH WEST CLIENT PATIENT ID: RECEIVED: 09/03/2024 09:29:48

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

HAEMATOLOGY - CBC

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

BLOOD COUNTS, EDTA WHOLE BLOOD

HEMOGLOBIN (HB)	9.0 Low	12.0 - 15.0	g/dL
RED BLOOD CELL (RBC) COUNT	4.74	3.8 - 4.8	mil/μL
WHITE BLOOD CELL (WBC) COUNT	5.70	4.0 - 10.0	thou/µL
PLATELET COUNT	395	150 - 410	thou/µL

RBC AND PLATELET INDICES

HEMATOCRIT (PCV)	27.2 Low	36.0 - 46.0	%
MEAN CORPUSCULAR VOLUME (MCV)	63.4 Low	83.0 - 101.0	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	21.0 Low	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC)	32.3	31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW)	21.3 High	11.6 - 14.0	%
MENTZER INDEX	13.4		
MEAN PLATELET VOLUME (MPV)	8.3	6.8 - 10.9	fL

WRC DIFFERENTIAL COUNT

WBC DIFFERENTIAL COUNT			
NEUTROPHILS	57	40 - 80	%
LYMPHOCYTES	31	20 - 40	%
MONOCYTES	8	2.0 - 10.0	%
EOSINOPHILS	4	1.0 - 6.0	%
BASOPHILS	0	0 - 1	%
ABSOLUTE NEUTROPHIL COUNT	3.25	2.0 - 7.0	thou/µL
ABSOLUTE LYMPHOCYTE COUNT	1.77	1.0 - 3.0	thou/µL
ABSOLUTE MONOCYTE COUNT	0.46	0.2 - 1.0	thou/µL
ABSOLUTE EOSINOPHIL COUNT	0.23	0.02 - 0.50	thou/µL
ABSOLUTE BASOPHIL COUNT	0.00 Low	0.02 - 0.10	thou/µL

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

NEUTROPHIL LYMPHOCYTE RATIO (NLR) 1.8

MORPHOLOGY

MILD MICROCYTIC HYPOCHROMIC, ANISOCYTOSIS PRESENT(+). **RBC**

NORMAL MORPHOLOGY **WBC**

ADEQUATE PLATELETS

NO PREMATURE CELLS ARE SEEN. MALARIAL PARASITE NOT DETECTED. REMARKS

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 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.

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REF. DOCTOR: SELF PATIENT NAME: AFRIN MUSHIR MALEK

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Test Report Status Biological Reference Interval Preliminary Results Units

HAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ERYTHROCYTE SEDIMENTATION RATE (ESR), EDTA BLOOD

E.S.R

35 High

0 - 20

mm at 1 hr

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

% HBA1C 5.7 Non-diabetic: < 5.7

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

116.9 High ESTIMATED AVERAGE GLUCOSE(EAG) < 116.0 mg/dL

Interpretation(s)

ERYTHROCYTE SEDIMENTATION RATE (ESR), EDTA 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

 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).

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

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Results

Biological Reference Interval Units

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.
- 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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DELHI ABHA NO REPORTED :11/03/2024 12:23:23 **NEW DELHI 110030** 8800465156

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IMMUNOHAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD

ABO GROUP TYPE A **POSITIVE** RH TYPE

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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Biological Reference Interval Test Report Status Preliminary Results Units

<u></u>	DISCUENTSTRY		
<u> </u>	BIOCHEMISTRY		
MEDI WHEEL FULL BODY HEALTH CHECKUP	BELOW 40FEMALE		
GLUCOSE FASTING, FLUORIDE PLASMA			
FBS (FASTING BLOOD SUGAR)	99	74 - 99	mg/dL
GLUCOSE, POST-PRANDIAL, PLASMA			
PPBS(POST PRANDIAL BLOOD SUGAR)	125	70 - 140	mg/dL
LIPID PROFILE WITH CALCULATED LDL			
CHOLESTEROL, TOTAL	175	Desirable: < 200 BorderlineHigh: 200 - 239 High: > or = 240	mg/dL
TRIGLYCERIDES	84	Desirable: < 150 BorderlineHigh: 150 - 199 High: 200 - 499 Very High: > or = 500	mg/dL
HDL CHOLESTEROL	54	< 40 Low > or = 60 High	mg/dL
CHOLESTEROL LDL	104 High	Adult levels: Optimal < 100 Near optimal/above optimal 100-129 Borderline high: 130-159 High: 160-189 Very high: = 190	mg/dL I:
NON HDL CHOLESTEROL	121	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	16.8	< or = 30	mg/dL
CHOL/HDL RATIO	3.2 Low	3.3 - 4.4	
LDL/HDL RATIO	1.9	0.5 - 3.0 Desirable/Low Risk	Κ

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3.1 - 6.0 Borderline/Moderate



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CODE/NAME & ADDRESS : C000138364 ACCESSION NO : **0321XC000626** AGE/SEX : 33 Years Female

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F-703, LADO SARAI, MEHRAULISOUTH WEST
DELHI
CLIENT PATIENT ID:

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

Risk

>6.0 High Risk

I TVED	FUNCTION	DDOETLE	CEDIIM
TIVEK	FUNCTION	PKOLILE,	SEKUM

0.44	Upto 1.2	mg/dL
0.22 High	Upto 0.2	mg/dL
0.22	0.00 - 1.00	mg/dL
7.0	6.4 - 8.3	g/dL
4.9	3.5 - 5.2	g/dL
2.1	2.0 - 4.1	g/dL
2.3 High	1.0 - 2.0	RATIO
15	0 - 32	U/L
17	0 - 33	U/L
87	35 - 104	U/L
10	5 - 36	U/L
186	135 - 214	U/L
	0.22 High 0.22 7.0 4.9 2.1 2.3 High 15 17 87	0.22 High Upto 0.2 0.22 0.00 - 1.00 7.0 6.4 - 8.3 4.9 3.5 - 5.2 2.1 2.0 - 4.1 2.3 High 1.0 - 2.0 15 0 - 32 17 0 - 33 87 35 - 104 10 5 - 36

BLOOD UREA NITROGEN (BUN), SERUM

DI 000 UDEA NITTO 00EN	_		/ 11
BLOOD UREA NITROGEN	/	6 - 20	mg/dL

CREATININE, SERUM

CREATININE 0.59 Low	0.60 - 1.10	mg/dL
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BUN/CREAT RATIO

BUN/CREAT RAΠΟ 11.86 5.0 - 15.0

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URIC ACID, SERUM URIC ACID	4.2	2.4 - 5.7	mg/dL
TOTAL PROTEIN, SERUM TOTAL PROTEIN	7.0	6.4 - 8.3	g/dL
ALBUMIN, SERUM ALBUMIN	4.9	3.5 - 5.2	g/dL
GLOBULIN GLOBULIN	2.1	2.0 - 4.1	g/dL
ELECTROLYTES (NA/K/CL), SERUM			

SODIUM, SERUM

POTASSIUM, SERUM

CHLORIDE, SERUM

138.0

104.4

4.35

136 - 145

3.3 - 5.1

98 - 106

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mmol/L

mmol/L

mmol/L

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

d>-Increased in
 b>Increased 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.



REF. DOCTOR: SELF PATIENT NAME: AFRIN MUSHIR MALEK

CODE/NAME & ADDRESS: C000138364 ACCESSION NO : 0321XC000626 AGE/SEX :33 Years Female ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI

NEW DELHI 110030

8800465156

PATIENT ID : AFRIF230390321A

CLIENT PATIENT ID: ABHA NO

DRAWN

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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-

 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.

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, is chemia to the liver, chronic hepatitis, obstruction of bile ducts, cirrhosis.

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

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

<br intestine, spleen, heart, Irain 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.

<br

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-

SER

CREATININE, SERUM-

- Seru

• blockage in the unitary tract, Kloney problems, such as kidney damage of railarle, infection, or reduced blood flow, Loss of body fluid (dehydration), Muscle prosuch as breakdown of muscle fibers, Problems during pregnancy, such as seizures (eclampsia)), or high blood pressure caused by pregnancy (preeclampsia)

<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. 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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CLINICAL 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
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

MICROSCOPIC EXAMINATION, URINE

RED BLOOD CELLS	NOT DETECTED	NOT DETECTED	/HPF
PUS CELL (WBC'S)	0-1	0-5	/HPF
EPITHELIAL CELLS	3-5	0-5	/HPF

NOT DETECTED **CASTS** NOT DETECTED **CRYSTALS**

BACTERIA NOT DETECTED NOT DETECTED YEAST **NOT DETECTED NOT DETECTED**

MICROSCOPIC EXAMINATION OF URINE IS CARRIED OUT ON **REMARKS**

CENTRIFUGED URINARY SEDIMENT.

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

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Biological Reference Interval Units Test Report Status Preliminary Results

CYTOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWRESUFEMPAILED ING

PAPANICOLAOU SMEAR RESULT PENDING **LETTER RESULT PENDING**

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CLINICAL PATH - STOOL ANALYSIS

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWR BESUFEMALEDING
PHYSICAL EXAMINATION, STOOL
CHEMICAL EXAMINATION, STOOL
MICROSCOPIC EXAMINATION, STOOL
RESULT PENDING
RESULT PENDING

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SPECIALISED CHEMISTRY - HORMONE

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

THYROID PANEL, SERUM			
T3	95.09	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)
T4	8.38	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	
TSH (ULTRASENSITIVE)	3.230	Non Pregnant Women 0.27 - 4.20 Pregnant Women (As per American Thyroid Association 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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Test Report Status Results Biological Reference Interval Units **Preliminary**

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

- 5. AGILUS Diagnostics confirms that all tests have been performed or assayed with highest quality standards, clinical safety & technical integrity.
- 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.
- 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.
- 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

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