

 CODE/NAME & ADDRESS : C000138375
 ACCESSION NO : 0061XC000683
 AGE/SEX : 35 Years
 Female

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : ANKIF09038961

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

DELHI
NEW DELHI 110030

8800465156

DRAWN :

RECEIVED :09/03/2024 10:10:20 REPORTED :10/03/2024 13:59:03

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)	7.0 Low	12.0 - 15.0	g/dL
RED BLOOD CELL (RBC) COUNT	5.19 High	3.8 - 4.8	mil/μL
WHITE BLOOD CELL (WBC) COUNT	8.16	4.0 - 10.0	thou/µL
PLATELET COUNT	398	150 - 410	thou/µL

RBC AND PLATELET INDICES

HEMATOCRIT (PCV)	25.9 Low	36 - 46	%
MEAN CORPUSCULAR VOLUME (MCV)	49.9 Low	83 - 101	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	13.5 Low	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC)	27.0 Low	31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW)	24.0 High	11.6 - 14.0	%

WBC DIFFERENTIAL COUNT

NEUTROPHILS	61	40 - 80	%
LYMPHOCYTES	30	20 - 40	%
MONOCYTES	04	2 - 10	%
EOSINOPHILS	05	1 - 6	%
BASOPHILS	00	< 1 - 2	%

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.

Dr. Itisha Dhiman Pathologist

Dr. Tarun Sharma Consultant Pathologist



Page 1 Of 17

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DRAWN

PATIENT NAME: ANKITA PATHAK 291496 REF. DOCTOR: SELF

CODE/NAME & ADDRESS: C000138375 ACCESSION NO: 0061XC000683 AGE/SEX :35 Years Female ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

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

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.

Dr. Itisha Dhiman **Pathologist**

Dr. Tarun Sharma **Consultant Pathologist**



Page 2 Of 17





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mm at 1 hr

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HAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ERYTHROCYTE SEDIMENTATION RATE (ESR), EDTA BLOOD

05 0 - 20E.S.R

METHOD: WESTERGREN METHOD

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

HBA1C 6.0 High Non-diabetic: < 5.7 %

> Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5ADA Target: 7.0

Action suggested: > 8.0

ESTIMATED AVERAGE GLUCOSE(EAG) 125.5 High < 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). 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

salicylates)

REFERENCE:

. 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.

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Page 3 Of 17

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Test Report Status Preliminary Results

Biological Reference Interval Units

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-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

-

 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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Page 4 Of 17

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Rajasthan, India





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PATIENT ID : ANKIF09038961 F-703, LADO SARAI, MEHRAULISOUTH WEST

CLIENT PATIENT ID: DELHI

ABHA NO **NEW DELHI 110030** 8800465156

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

IMMUNOHAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD

TYPE B **ABO GROUP**

METHOD: FORWARD/REVERSE

POSITIVE RH TYPE

METHOD: FORWARD/REVERSE

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.

Dr. Itisha Dhiman

Pathologist

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Page 5 Of 17



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

BIOCHEMISTRY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

GLUCOSE FASTING, FLUORIDE PLASMA

FBS (FASTING BLOOD SUGAR) Normal : < 100 mg/dL 96

Pre-diabetes: 100-125 Diabetes: >/=126

METHOD: SPECTROPHOTOMETRY

GLUCOSE, POST-PRANDIAL, PLASMA

PPBS(POST PRANDIAL BLOOD SUGAR) 118 70 - 140 mg/dL

METHOD: SPECTROPHOTOMETRY

LIPID PROFILE WITH CALCULATED LDL

CHOLESTEROL, TOTAL 157 < 200 Desirable mg/dL

200 - 239 Borderline High

>/= 240 High METHOD: SPECTROPHOTOMETRY

TRIGLYCERIDES 105 < 150 Normal mg/dL

150 - 199 Borderline High

200 - 499 High >/=500 Very High

METHOD: SPECTROPHOTOMETRY

41 mg/dL HDL CHOLESTEROL < 40 Low

>/=60 High

METHOD: SPECTROPHOTOMETRY CHOLESTEROL LDL 95 < 100 Optimal mg/dL

100 - 129

Near optimal/ above optimal

130 - 159 Borderline High 160 - 189 High

>/= 190 Very High NON HDL CHOLESTEROL 116 Desirable: Less than 130

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

High: 190 - 219

Page 6 Of 17

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Test Report Status <u>Preliminary</u>	Results	Biological Reference Interval Units
		Very high: > or = 220
VERY LOW DENSITY LIPOPROTEIN	21.0	=30.0</math mg/dL
CHOL/HDL RATIO	3.8	3.3 - 4.4 Low Risk 4.5 - 7.0 Average Risk 7.1 - 11.0 Moderate Risk > 11.0 High Risk
LDL/HDL RATIO	2.3	0.5 - 3.0 Desirable/Low Risk 3.1 - 6.0 Borderline/Moderate Risk >6.0 High Risk

Interpretation(s)

Serum lipid profile is measured for cardiovascular risk prediction. Lipid Association of India recommends LDL-C as primary target and Non HDL-C as co-primary treatment target.

Risk Stratification for ASCVD (Atherosclerotic cardiovascular disease) by Lipid Association of India

A.CAD with > 1 feature of high risk group			
B. CAD with > 1 feature of Very high risk g	roup or recurrent ACS (within 1 year) despite LDL-C < or =		
50 mg/dl or polyvascular disease			
1. Established ASCVD 2. Diabetes with 2 n	najor risk factors or evidence of end organ damage 3.		
Familial Homozygous Hypercholesterolemia	a		
1. Three major ASCVD risk factors. 2. Diabetes with 1 major risk factor or no evidence of end organ			
damage. 3. CKD stage 3B or 4. 4. LDL >190 mg/dl 5. Extreme of a single risk factor. 6. Coronary			
Artery Calcium - CAC >300 AU. 7. Lipoprotein a >/= 50mg/dl 8. Non stenotic carotid plaque			
2 major ASCVD risk factors			
0-1 major ASCVD risk factors			
rosclerotic cardiovascular disease) Risk Fa	ctors		
1. Age > or = 45 years in males and > or = 55 years in females 3. Current Cigarette smoking or tobacco use			
remature ASCVD	4. High blood pressure		
5. Low HDL			
	B. CAD with > 1 feature of Very high risk g 50 mg/dl or polyvascular disease 1. Established ASCVD 2. Diabetes with 2 r Familial Homozygous Hypercholesterolemia 1. Three major ASCVD risk factors. 2. Dia damage. 3. CKD stage 3B or 4. 4. LDL > 1 Artery Calcium - CAC > 300 AU. 7. Lipopr 2 major ASCVD risk factors 0-1 major ASCVD risk factors rosclerotic cardiovascular disease) Risk Fa in males and > or = 55 years in females		

Newer treatment goals and statin initiation thresholds based on the risk categories proposed by LAI in 2020.

Risk Group	Treatment Goals		Consider Drug Therapy	
	LDL-C (mg/dl)	Non-HDL (mg/dl)	LDL-C (mg/dl)	Non-HDL (mg/dl)

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Page 7 Of 17

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

Extreme Risk Group Category A	<50 (Optional goal	< 80 (Optional goal	>OR = 50	>OR = 80
	$\langle OR = 30 \rangle$	<OR = 60)		
Extreme Risk Group Category B	<or 30<="" =="" td=""><td><OR = 60</td><td>> 30</td><td>>60</td></or>	<OR = 60	> 30	>60
Very High Risk	<50	<80	>OR= 50	>OR= 80
High Risk	<70	<100	>OR= 70	>OR= 100
Moderate Risk	<100	<130	>OR= 100	>OR= 130
Low Risk	<100	<130	>OR= 130*	>OR= 160

^{*}After an adequate non-pharmacological intervention for at least 3 months.

References: Management of Dyslipidaemia for the Prevention of Stroke: Clinical Practice Recommendations from the Lipid Association of India. Current Vascular Pharmacology, 2022, 20, 134-155.

LIVER FUNCTION PROFILE, SERUM

BILIRUBIN, TOTAL	0.90	0.2 - 1.0	mg/dL
METHOD: SPECTROPHOTOMETRY BILIRUBIN, DIRECT	0.10	0.0 - 0.2	mg/dL
METHOD: SPECTROPHOTOMETRY BILIRUBIN, INDIRECT METHOD: SPECTROPHOTOMETRY	0.80	0.1 - 1.0	mg/dL
TOTAL PROTEIN METHOD: SPECTROPHOTOMETRY	7.8	6.4 - 8.2	g/dL
ALBUMIN METHOD: SPECTROPHOTOMETRY	3.9	3.4 - 5.0	g/dL
GLOBULIN METHOD: CALCULATED PARAMETER	3.9	2.0 - 4.1	g/dL
ALBUMIN/GLOBULIN RATIO METHOD : CALCULATED PARAMETER	1.0	1.0 - 2.1	RATIO
ASPARTATE AMINOTRANSFERASE (AST/SGOT) METHOD: SPECTROPHOTOMETRY	17	15 - 37	U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT) METHOD: SPECTROPHOTOMETRY	33	< 34.0	U/L
ALKALINE PHOSPHATASE METHOD: SPECTROPHOTOMETRY	104	30 - 120	U/L
GAMMA GLUTAMYL TRANSFERASE (GGT) METHOD: SPECTROPHOTOMETRY	33	5 - 55	U/L
LACTATE DEHYDROGENASE METHOD: SPECTROPHOTOMETRY	153	81 - 234	U/L

BLOOD UREA NITROGEN (BUN), SERUM

Dr. Itisha Dhiman Pathologist Dr. Tarun Sharma Consultant Pathologist





Page 8 Of 17

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NEW DELHI 110030 8800465156

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Test Report Status <u>Preliminary</u>	Results	Biological Reference	Interval Units
BLOOD UREA NITROGEN METHOD: SPECTROPHOTOMETRY	9	6 - 20	mg/dL
CREATININE, SERUM			
CREATININE METHOD: SPECTROPHOTOMETRY	0.65	0.60 - 1.10	mg/dL
BUN/CREAT RATIO			
BUN/CREAT RATIO METHOD: SPECTROPHOTOMETRY	13.85	5.00 - 15.00	
URIC ACID, SERUM			
URIC ACID METHOD: SPECTROPHOTOMETRY	2.9	2.6 - 6.0	mg/dL
TOTAL PROTEIN, SERUM			
TOTAL PROTEIN METHOD: SPECTROPHOTOMETRY	7.8	6.4 - 8.2	g/dL
ALBUMIN, SERUM			
ALBUMIN METHOD: SPECTROPHOTOMETRY	3.9	3.4 - 5.0	g/dL
GLOBULIN			
GLOBULIN METHOD: CALCULATED PARAMETER	3.9	2.0 - 4.1	g/dL

CLIENT PATIENT ID:

ABHA NO

Dr. Itisha Dhiman **Pathologist**

Dr. Tarun Sharma **Consultant Pathologist**



Page 9 Of 17





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

ELECTROLYTES (NA/K/CL), SERUM

SODIUM, SERUM 136 136 - 145 mmol/L

METHOD: ION SELECTIVE ELECTRODE TECHNOLOGY

3.50 - 5.10 mmol/L POTASSIUM, SERUM 4.1

METHOD: ION SELECTIVE ELECTRODE TECHNOLOGY

110 High 98 - 107 mmol/L CHLORIDE, SERUM

METHOD: ION SELECTIVE ELECTRODE TECHNOLOGY

Interpretation(s)

Sodium	Potassium	Chloride
Decreased in:CCF, cirrhosis,	Decreased in: Low potassium	Decreased in: Vomiting, diarrhea,
vomiting, diarrhea, excessive	intake,prolonged vomiting or diarrhea,	renal failure combined with salt
sweating, salt-losing	RTA types I and II,	deprivation, over-treatment with
nephropathy,adrenal insufficiency,	hyperaldosteronism, Cushing's	diuretics, chronic respiratory acidosis,
nephrotic syndrome, water	syndrome,osmotic diuresis (e.g.,	diabetic ketoacidosis, excessive
intoxication, SIADH. Drugs:	hyperglycemia),alkalosis, familial	sweating, SIADH, salt-losing
thiazides, diuretics, ACE inhibitors,	periodic paralysis,trauma	nephropathy, porphyria, expansion of
chlorpropamide,carbamazepine,anti	(transient).Drugs: Adrenergic agents,	extracellular fluid volume,
depressants (SSRI), antipsychotics.	diuretics.	adrenalinsufficiency,
		hyperaldosteronism, metabolic
		alkalosis. Drugs: chronic
		laxative,corticosteroids, diuretics.
Increased in: Dehydration	Increased in: Massive hemolysis,	Increased in: Renal failure, nephrotic
(excessivesweating, severe	severe tissue damage, rhabdomyolysis,	syndrome, RTA,dehydration,
vomiting or diarrhea),diabetes	acidosis, dehydration,renal failure,	overtreatment with
mellitus, diabetesinsipidus,	Addison's disease, RTA type IV,	saline,hyperparathyroidism, diabetes
hyperaldosteronism, inadequate	hyperkalemic familial periodic	insipidus, metabolic acidosis from
water intake. Drugs: steroids,	paralysis. Drugs: potassium salts,	diarrhea (Loss of HCO3-), respiratory
licorice, oral contraceptives.	potassium- sparing diuretics,NSAIDs,	alkalosis, hyperadre no corticism.
	beta-blockers, ACE inhibitors, high-	Drugs: acetazolamide, and rogens,
	dose trimethoprim-sulfamethoxazole.	hydrochlorothiazide,salicylates.
Interferences: Severe lipemia or	Interferences: Hemolysis of sample,	Interferences:Test is helpful in
hyperproteinemi, if sodium analysis	delayed separation of serum,	assessing normal and increased anion
involves a dilution step can cause	prolonged fist clenching during blood	gap metabolic acidosis and in
spurious results. The serum sodium	drawing, and prolonged tourniquet	distinguishing hypercalcemia due to
falls about 1.6 mEq/L for each 100	placement. Very high WBC/PLT counts	hyperparathyroidism (high serum
mg/dL increase in blood glucose.	may cause spurious. Plasma potassium	chloride) from that due to malignancy
	levels are normal.	(Normal serum chloride)

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

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Page 10 Of 17

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Female

PATIENT NAME: ANKITA PATHAK 291496 REF. DOCTOR: SELF

CODE/NAME & ADDRESS: C000138375

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL
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... 006176000603

ACCESSION NO : 0061XC000683

PATIENT ID : ANKIF09038961

CLIENT PATIENT ID: ABHA NO : AGE/SEX DRAWN

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:35 Years

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

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 sulfonylurges tollutaride and other oral hypoplycemic agents.

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.

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 responses & sensitivity etc.

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

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<a href="https://www.december.com/bolds

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.

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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 inflection, 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 anterpretable Burne hemodilution increased vascular permaphility or decreased lymphatic clearance malnutrition and wasting etc.

enteropathy,Burns,hemodilution,increased vascular permeability or decreased lymphatic clearance,malnutrition and wasting etc
BLOOD UREA NITROGEN (BUN), SERUM-

SERUM-<br/

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)

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URIC ACID, SERUM-

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

DM,Metabolic syndrome

b>Causes of decreased levels-Low Zinc intake,OCP,Multiple Sclerosis

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

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

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.

Dr. Itisha Dhiman Pathologist

Dr. Tarun Sharma Consultant Pathologist





Page 11 Of 17

View Details

View Report

PERFORMED AT :

Agilus Diagnostics Ltd. M/S S.S. Wellness Centre,Ground Floor,C-22,Shastri Nagar,Near Central Academy School Jodhpur, 342001





CODE/NAME & ADDRESS: C000138375 ACCESSION NO: 0061XC000683 AGE/SEX :35 Years Female

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : ANKIF09038961

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

ABHA NO **NEW DELHI 110030** 8800465156

RECEIVED: 09/03/2024 10:10:20 REPORTED :10/03/2024 13:59:03

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 HAZY

CHEMICAL EXAMINATION, URINE

PH	5.5	4.7 - 7.5
SPECIFIC GRAVITY	1.025	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	DETECTED (+)	NOT DETECTED

MICROSCOPIC EXAMINATION, URINE

RED BLOOD CELLS	0 - 1	NOT DETECTED	/HPF
PUS CELL (WBC'S)	8-10	0-5	/HPF
EPITHELIAL CELLS	DETECTED (LARGE	0-5	/HPF

NOs) **CASTS** NOT DETECTED

CRYSTALS NOT DETECTED

DETECTED (+) NOT DETECTED **BACTERIA**

METHOD: MICROSCOPIC EXAMINATION

Interpretation(s)

Dr. Itisha Dhiman **Pathologist**

Dr. Tarun Sharma **Consultant Pathologist**



Page 12 Of 17



Agilus Diagnostics Ltd. M/S S.S. Wellness Centre, Ground Floor, C-22, Shastri Nagar, Near Central Academy School Jodhpur, 342001





PATIENT NAME: ANKITA PATHAK 291496 REF. DOCTOR: SELF CODE/NAME & ADDRESS : C000138375 ACCESSION NO: 0061XC000683 AGE/SEX :35 Years Female ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : ANKIF09038961 DRAWN F-703, LADO SARAI, MEHRAULISOUTH WEST CLIENT PATIENT ID: RECEIVED: 09/03/2024 10:10:20 DELHI REPORTED :10/03/2024 13:59:03 ABHA NO **NEW DELHI 110030** 8800465156

Biological Reference Interval Test Report Status Preliminary Results Units

The following table describes the probable conditions, in which the analytes are present in urine

Presence of	Conditions
Proteins	Inflammation or immune illnesses
Pus (White Blood Cells)	Urinary tract infection, urinary tract or kidney stone, tumors or any kind
	of kidney impairment
Glucose	Diabetes or kidney disease
Ketones	Diabetic ketoacidosis (DKA), starvation or thirst
Urobilinogen	Liver disease such as hepatitis or cirrhosis
Blood	Renal or genital disorders/trauma
Bilirubin	Liver disease
Erythrocytes	Urological diseases (e.g. kidney and bladder cancer, urolithiasis), urinary
	tract infection and glomerular diseases
Leukocytes	Urinary tract infection, glomerulonephritis, interstitial nephritis either
	acute or chronic, polycystic kidney disease, urolithiasis, contamination by
	genital secretions
Epithelial cells	Urolithiasis, bladder carcinoma or hydronephrosis, ureteric stents or
	bladder catheters for prolonged periods of time
Granular Casts	Low intratubular pH, high urine osmolality and sodium concentration,
	interaction with Bence-Jones protein
Hyaline casts	Physical stress, fever, dehydration, acute congestive heart failure, renal
	diseases
Calcium oxalate	Metabolic stone disease, primary or secondary hyperoxaluria, intravenous
	infusion of large doses of vitamin C, the use of vasodilator naftidrofuryl
	oxalate or the gastrointestinal lipase inhibitor orlistat, ingestion of
	ethylene glycol or of star fruit (Averrhoa carambola) or its juice
Uric acid	arthritis
Bacteria	Urinary infectionwhen present in significant numbers & with pus cells.
Trichomonas vaginalis	Vaginitis, cervicitis or salpingitis

Dr. Itisha Dhiman **Pathologist**

Dr. Tarun Sharma **Consultant Pathologist**



Page 13 Of 17





Agilus Diagnostics Ltd. M/S S.S. Wellness Centre, Ground Floor, C-22, Shastri Nagar, Near Central Academy School Jodhpur, 342001







CODE/NAME & ADDRESS: C000138375 ACCESSION NO: 0061XC000683 AGE/SEX :35 Years Female

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : ANKIF09038961

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

RECEIVED: 09/03/2024 10:10:20 ABHA NO REPORTED :10/03/2024 13:59:03 **NEW DELHI 110030** 8800465156

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

CYTOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

PAPANICOLAOU SMEAR

TEST METHOD CONVENTIONAL GYNEC CYTOLOGY

TWO UNSTAINED CERVICAL SMEARS RECEIVED SPECIMEN TYPE

2014 BETHESDA SYSTEM FOR REPORTING CERVICAL CYTOLOGY REPORTING SYSTEM

SATISFACTORY SPECIMEN ADEQUACY

SMEARS SHOW INTERMEDIATE SQUAMOUS **MICROSCOPY**

CELLS ALONG WITH FEW SUPERFICIAL AND FEW PARABASAL CELLS. CELLS ARE SHOWING MILD REACTIVE CHANGES OF INFLAMMATION.

BACKGROUND SHOW LACTOBACILLI AND NEUTROPHILS.

ENDOCERVICAL COMPONENT ABSENT. NO ATYPICAL CELLS SEEN.

METHOD: MANUAL

NEGATIVE FOR INTRAEPITHELIAL LESION OR MALIGNANCY INTERPRETATION / RESULT

Dr. Tarun Sharma **Consultant Pathologist** Dr. Itisha Dhiman **Pathologist**



Page 14 Of 17





Agilus Diagnostics Ltd. M/S S.S. Wellness Centre, Ground Floor, C-22, Shastri Nagar, Near Central Academy School Jodhpur, 342001

Rajasthan, India





CODE/NAME & ADDRESS: C000138375 ACCESSION NO: 0061XC000683 AGE/SEX :35 Years Female

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

DELHI

NEW DELHI 110030

8800465156

PATIENT ID : ANKIF09038961

CLIENT PATIENT ID:

DRAWN

RECEIVED: 09/03/2024 10:10:20 REPORTED :10/03/2024 13:59:03

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

ABHA NO

CLINICAL PATH - STOOL ANALYSIS

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOWRESUFEMPAILEDING PHYSICAL EXAMINATION, STOOL **RESULT PENDING CHEMICAL EXAMINATION, STOOL RESULT PENDING** MICROSCOPIC EXAMINATION, STOOL **RESULT PENDING**

Page 15 Of 17







Agilus Diagnostics Ltd. $\hbox{M/S S.S. Wellness Centre,} Ground \ \hbox{Floor,} \hbox{C-22,} \hbox{Shastri Nagar,} \hbox{Near Central Academy School}$ Jodhpur, 342001





CODE/NAME & ADDRESS: C000138375 ACCESSION NO: 0061XC000683 AGE/SEX :35 Years Female

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

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NEW DELHI 110030

8800465156

PATIENT ID

: ANKIF09038961

CLIENT PATIENT ID: ABHA NO

RECEIVED: 09/03/2024 10:10:20 REPORTED :10/03/2024 13:59:03

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

SPECIALISED CHEMISTRY - HORMONE

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

THYROID PANEL, SERUM

130.30 ng/dL T3 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

Non-Pregnant Women

μg/dL

μIU/mL

5.10 - 14.10 Pregnant Women

1st Trimester: 7.33 - 14.80 2nd Trimester: 7.93 - 16.10 3rd Trimester: 6.95 - 15.70

5.590 High TSH (ULTRASENSITIVE) Non Pregnant Women

7.66

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

Dr. Itisha Dhiman **Pathologist**

Dr. Tarun Sharma **Consultant Pathologist**





Page 16 Of 17



Agilus Diagnostics Ltd. M/S S.S. Wellness Centre, Ground Floor, C-22, Shastri Nagar, Near Central Academy School

Jodhpur, 342001 Rajasthan, India





Female

PATIENT NAME: ANKITA PATHAK 291496 REF. DOCTOR: SELF

CODE/NAME & ADDRESS: C000138375

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

DELHÍ

NEW DELHI 110030 8800465156

Test Report Status

ACCESSION NO : 0061XC000683

PATIENT ID : ANKIF09038961

CLIENT PATIENT ID: ABHA NO :

Results

AGE/SEX

RECEIVED : 09/03/2024 10:10:20 REPORTED :10/03/2024 13:59:03

:35 Years

Biological Reference Interval Units

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.

Preliminary

- 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

Dr. Itisha Dhiman Pathologist

Dr. Tarun Sharma Consultant Pathologist Page 17 Of 17





View Details





Agilus Diagnostics Ltd. M/S S.S. Wellness Centre,Ground Floor,C-22,Shastri Nagar,Near Central Academy School Jodhpur, 342001

