

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN

RECEIVED: 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

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

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

XRAY-CHEST

BOTH THE LUNG FIELDS ARE CLEAR

BOTH THE COSTOPHRENIC AND CARIOPHRENIC ANGELS ARE CLEAR

BOTH THE HILA ARE NORMAL **»**»

CARDIAC AND AORTIC SHADOWS APPEAR NORMAL BOTH THE DOMES OF THE DIAPHRAM ARE NORMAL **»**»

VISUALIZED BONY THORAX IS NORMAL >> >>

NO ABNORMALITY DETECTED **IMPRESSION**

> Dr G.S. saluja (MBBS, DMRD) Consultant radiologist

ECG

NORMAL SINUS RHYTHM **ECG**

MEDICAL HISTORY

RELEVANT PRESENT HISTORY NOT SIGNIFICANT

RELEVANT PAST HISTORY SURGICAL H/O CHOLECYSTECTOMY DEC 2023

RELEVANT PERSONAL HISTORY NOT SIGNIFICANT

RELEVANT FAMILY HISTORY F/H/O HTN

OCCUPATIONAL HISTORY **NOT SIGNIFICANT** HISTORY OF MEDICATIONS NOT SIGNIFICANT

ANTHROPOMETRIC DATA & BMI

mts HEIGHT IN METERS 1.63 WEIGHT IN KGS. 85 Kgs

Dr. Arpita Pasari, MD

Consultant Pathologist





Page 1 Of 26

View Report





CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN :

RECEIVED : 23/03/2024 10:30:22 REPORTED : 27/03/2024 11:34:28

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

BMI 32 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

GENERAL EXAMINATION

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

STATUS

BUILT / SKELETAL FRAMEWORK

FACIAL APPEARANCE

SKIN

UPPER LIMB

LOWER LIMB

NORMAL

NORMAL

NORMAL

NORMAL

NECK LYMPHATICS / SALIVARY GLANDS NOT ENLARGED OR TENDER

THYROID GLAND NOT ENLARGED CAROTID PULSATION NORMAL

TEMPERATURE AFEBRILE

PULSE 83/MIN, REGULAR, ALL PERIPHERAL PULSES WELL FELT, NO CAROTID

BRUIT

RESPIRATORY RATE NORMAL

CARDIOVASCULAR SYSTEM

BP 130/80 MM HG mm/Hg

(SUPINE) NORMAL NORMAL

APEX BEAT NORMAL HEART SOUNDS NORMAL

Dr.Arpita Pasari, MD Consultant Pathologist

PERICARDIUM

Page 2 Of 26





View Details

View Report





CODE/NAME & ADDRESS : C000138355

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

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN :

RECEIVED : 23/03/2024 10:30:22 REPORTED : 27/03/2024 11:34:28

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

MURMURS ABSENT

RESPIRATORY SYSTEM

SIZE AND SHAPE OF CHEST

MOVEMENTS OF CHEST

BREATH SOUNDS INTENSITY

NORMAL

NORMAL

BREATH SOUNDS QUALITY VESICULAR (NORMAL)

ADDED SOUNDS ABSENT

PER ABDOMEN

APPEARANCE NORMAL VENOUS PROMINENCE ABSENT

LIVER NOT PALPABLE
SPLEEN NOT PALPABLE

HERNIA NORMAL

CENTRAL NERVOUS SYSTEM

HIGHER FUNCTIONS

CRANIAL NERVES

CEREBELLAR FUNCTIONS

SENSORY SYSTEM

MOTOR SYSTEM

REFLEXES

NORMAL

NORMAL

NORMAL

MUSCULOSKELETAL SYSTEM

SPINE NORMAL

Dr.Arpita Pasari, MD Consultant Pathologist



Page 3 Of 26

View Details

View Report



Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001 Madhya Pradesh, India





CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI

DELI I.

NEW DELHI 110030 8800465156 ACCESSION NO : 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN :

RECEIVED : 23/03/2024 10:30:22 REPORTED : 27/03/2024 11:34:28

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

JOINTS NORMAL

BASIC EYE EXAMINATION

CONJUNCTIVA NORMAL
EYELIDS NORMAL
EYE MOVEMENTS NORMAL
CORNEA NORMAL

DISTANT VISION RIGHT EYE WITH GLASSES

6/6, WITH GLASSES NORMAL

6/6,

COLOUR VISION 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 DENTAL CHECK-UP DONE

GUMS HEALTHY

SUMMARY

Dr.Arpita Pasari, MD

Dr.Arpita Pasari, MD Consultant Pathologist





Page 4 Of 26

View Details

View Report





Female

PATIENT NAME: RITU KUMARI

REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH
CHECKUP BELOW 40FEMALE

CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : 0290XC004949

i PATIENT ID :RITUF241287290A

CHIENT BATTENT ID:

AGE/SEX : 36 Years

DRAWN :

RECEIVED: 23/03/2024 10:30:22

REPORTED :27/03/2024 11:34:28

Test Report Status Final Results Biological Reference Interval Units

RELEVANT HISTORY NOT SIGNIFICANT

RELEVANT GP EXAMINATION FINDINGS OBESE REMARKS / RECOMMENDATIONS NONE

FITNESS STATUS

FITNESS STATUS FIT (WITH MEDICAL ADVICE) (AS PER REQUESTED PANEL OF TESTS)

Comments

CLINICAL FINDINGS :-

OBESE WEIGHT STATUS.

FITNESS STATUS :-

FITNESS STATUS: FIT (WITH MEDICAL ADVICE) (AS PER REQUESTED PANEL OF TESTS)

ADVICE: WEIGHT REDUCTION, LOW FAT& CARBOHYDRATE DIET AND REGULAR PHYSICAL EXERCISE FOR OBESE WEIGHT STATUS

NEED PHYSICIAN CONSULTATION FOR LIFE STYLE MODIFICATION.

Dr.Arpita Pasari, MD Consultant Pathologist

Page 5 Of 26

View Details

View Report



Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001 Madhya Pradesh, India





CODE/NAME & ADDRESS: C000138355

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

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHENT BATIENT ID:

AGE/SEX : 36 Years

DRAWN :

RECEIVED : 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

Test Report Status Final Results Units

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ULTRASOUND ABDOMEN

ULTRASOUND ABDOMEN

<u>Liver</u> is normal in size, shape with smooth outline. Parenchymal echotexture is homogeneous. Intra & Extra hepatic biliary radicals are normal. Portal vein and C.B.D are normal in caliber.

Gall Bladder is not seen (H/o Surgery)

Spleen is normal in size, shape & echotexture.

Pancreas is normal in size, shape & echotexture.

<u>Both Kidneys</u> are normal in size, shape and echotexture. Central pelvicalyceal system is normal. Corticomedullary differentiation is maintained.

IVC and AO is normal in caliber. No lymphadenopathy.

Urinary Bladder is normal thin walled, there is no calculus.

<u>Uterus</u> is anteverted and normal in size. Myometrial echotexture is homogeneous Endometrial echo reflection is normal. Cervix and endocervical canal appears normal.

Bilateral Ovaries are normal in size, shape and echotexture.

IMPRESSION- No Significant abnormality seen in USG of Whole Abdomen

Dr G S Saluja (MBBS.DMRD) REG.NO 4005 (Consultant Radiologist)

TMT OR ECHO CLINICAL PROFILE

Dr.Arpita Pasari, MD Consultant Pathologist



Page 6 Of 26

View Details

View Repor







CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN

RECEIVED: 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

Test Report Status Results Units **Final**

2D ECHOCARDIOGRAPHY

Parasternal long axis, Parasternal short axis at multiple levels, apical 4-C & apical & 5-C views taken.

All cardiac valves are normal in structure & move normally.

All cardiac chambers and great vessels are normal in size.

The left ventricular wall is normal in thickness & contractility.

There is no evidence of any regional wall motion abnormality.

There is no evidence of any vegetation or clot or pericardial effusion.

The calculated LVEF 70%.

IMPRESSION:- Normal 2D Echo Study - LVEF 70%

M-MODE ECHOCARDIOGRAPHY

Normal Value (1) MITRAL VALVE DIMENSIONS

EPSS : mm 2-7 mm

(2) AORTIC VALVE DIMENSIONS

Aortic Root 30 20-37 mm : mm

Left atrium 25 19-40 mm : mm

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



Page 7 Of 26





Madhya Pradesh, India Tel: 0731 2490008





REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH **PATIENT NAME: RITU KUMARI** CHECKUP BELOW 40FEMALE

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years

DRAWN

RECEIVED: 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

Test Report Status Results Units **Final**

Cusp Opening 20 : mm 15-26 mm

(3) LEFT VENTRICULAR DIMENSIONS

DIMENSION	OBSERVED	NORMAL VALUES

LVID (Diastolic) 40 37-56 mm : mm LVID (Systolic) 25 24-42 mm : mm RVID (Diastolic) 15 7-23 mm : mm

IVST (Diastolic) 09 6-11 mm : mm

LVPWT (Diastolic)09 6-11 mm : mm

LEFT VENTRICULAR FUNCTION

LVEDV : ml **LVESV** : ml

70 % **EF**

> Dr. Manbeer Singh. (MBBS, PGDCC)

Interpretation(s)

MEDICAL

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.

FITNESS STATUS-Conclusion on an individual's Fitness, which is commented upon mainly for Pre employment cases, is based on multi factorial findings and does not depend on any one single parameter. The final Fitness assigned to a candidate will depend on the Physician's findings and overall judgement on a case to case basis, details of the candidate's past and personal history as well as the comprehensiveness of the diagnostic panel which has been requested for .These are then further correlated with details of the job under consideration to eventually fit the right man to the right job.

- Sasis the above, Agilus diagnostic classifies a candidate's Fitness Status into one of the following categories:

 Fit (As per requested panel of tests) AGILUS Limited gives the individual a clean chit to join the organization, on the basis of the General Physical Examination and the specific test panel requested for.
- Fit (with medical advice) (As per requested panel of tests) This indicates that although the candidate can be declared as FIT to join the job, minimal problems have been detected during the Pre- employment examination. Examples of conditions which could fall in this category could be cases of mild reversible medical abnormalities such as height weight disproportions, borderline raised Blood Pressure readings, mildly raised Blood sugar and Blood Lipid levels, Hematuria, etc. Most of these relate to sedentary lifestyles and come under the broad category of life style disorders. The idea is to caution an individual to bring about certain lifestyle changes as well as seek a







Page 8 Of 26



Consultant Pathologist

Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001 Madhya Pradesh, India





CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI

DELIII

NEW DELHI 110030 8800465156 ACCESSION NO : **0290XC004949**

| |PATIENT ID : RITUF241287290A

CHIENT BATTENT ID:

AGE/SEX : 36 Years

Female

DRAWN :

RECEIVED : 23/03/2024 10:30:22

REPORTED :27/03/2024 11:34:28

Test Report Status Final Results Units

Physician"""s consultation and counseling in order to bring back to normal the mildly deranged parameters. For all purposes the individual is FIT to join the job.

• Fitness on Hold (Temporary Unfit) (As per requested panel of tests) - Candidate's reports are kept on hold when either the diagnostic tests or the physical findings reveal the presence of a medical condition which warrants further tests, counseling and/or specialist opinion, on the basis of which a candidate can either be placed into Fit, Fit (With Medical Advice), or Unfit category. Conditions which may fall into this category could be high blood pressure, abnormal ECG, heart murmurs, abnormal vision, grossly elevated blood sugars, etc.

• Unfit (As per requested panel of tests) - An unfit report by Agilus diagnostic Limited clearly indicates that the individual is not suitable for the respective job profile e.g.

• Unfit (As per requested panel of tests) - An unfit report by Agilus diagnostic Limited clearly indicates that the individual is not suitable for the respective job profile e.g total color blindness in color related jobs.

Proite

Dr.Arpita Pasari, MD Consultant Pathologist





Page 9 Of 26

View Details

View Report



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





CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHENT BATTENT ID:

AGE/SEX : 36 Years

DRAWN

RECEIVED : 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

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

HAEMATOLOGY - CBC					
<u>.OW 40FEMALE</u>					
12.9	12.0 - 15.0	g/dL			
4.13	3.8 - 4.8	mil/μL			
9.27	4.0 - 10.0	thou/µL			
180	150 - 410	thou/µL			
38.0	36 - 46	%			
92.1	83 - 101	fL			
31.3	27.0 - 32.0	pg			
34.0	31.5 - 34.5	g/dL			
12 2	11 6 - 14 0	%			
	1110 1110				
13.3 High	6.8 - 10.9	fL			
70	4000	0.4			
73	40 - 80	%			
23	20 - 40	%			
0.2	2 10	%			
03	2 - 10	90			
01	1 - 6	%			
00	0 2	0/			
UU	U - Z	%			
6.77	2.0 - 7.0	thou/µL			
	12.9 4.13 9.27 180 38.0 92.1 31.3 34.0 12.2 22.3 13.3 High 73 23 03 01 00	12.9			

METHOD: CALCULATED

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





Page 10 Of 26

View Report

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



CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN

RECEIVED: 23/03/2024 10:30:22

REPORTED :27/03/2024 11:34:28

Test Report Status <u>Final</u>	Results Biological Reference Interval Units		e Interval Units	
ADSSUUTE LYMPUSSYTE SOUNT	2.42	10.20		
ABSOLUTE LYMPHOCYTE COUNT METHOD: CALCULATED	2.13	1.0 - 3.0	thou/µL	
ABSOLUTE MONOCYTE COUNT METHOD: CALCULATED	0.28	0.2 - 1.0	thou/μL	
ABSOLUTE EOSINOPHIL COUNT	0.09	0.02 - 0.50	thou/µL	

Interpretation(s)
BLOOD COUNTS,EDTA WHOLE BLOOD-The cell morphology is well preserved for 24hrs. However after 24-48 hrs a progressive increase in MCV and HCT is observed leading 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

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

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





Page 11 Of 26

View Report





REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH **PATIENT NAME: RITU KUMARI**

CHECKUP BELOW 40FEMALE

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHENT BATTENT ID:

AGE/SEX : 36 Years

DRAWN RECEIVED: 23/03/2024 10:30:22

REPORTED :27/03/2024 11:34:28

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

HAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ERYTHROCYTE SEDIMENTATION RATE (ESR), EDTA BLOOD

E.S.R 27 High 0 - 20mm at 1 hr

METHOD: MODIFIED WESTERGREN

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

% HBA1C 4.8 Non-diabetic: < 5.7

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

METHOD: HPLC TECHNOLOGY

ESTIMATED AVERAGE GLUCOSE(EAG) 91.1 < 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**

Increase in: Infections, Vasculities, Inflammatory arthritis, Renal disease, Anemia, Malignancies and plasma cell dyscrasias, Acute allergy Tissue injury, Pregnancy, Estrogen medication, Aging.

Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias,

Disseminated malignancies, connective tissue disease, severe infections such as bacterial endocarditis). In pregnancy BRI in first trimester is 0-48 mm/hr(62 if anemic) and in second trimester (0-70 mm /hr(95 if anemic). ESR returns to normal 4th week post partum.

Decreased in: Polycythermia vera, Sickle cell anemia

LIMITATIONS

False elevated ESR: Increased fibrinogen, Drugs(Vitamin A, Dextran etc), Hypercholesterolemia

False Decreased: Poikilocytosis, (SickleCells, spherocytes), Microcytosis, Low fibrinogen, Very high WBC counts, Drugs (Quinine,

salicylates)

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



Page 12 Of 26

View Report



Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001

Madhya Pradesh, India Tel: 0731 2490008





REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH **PATIENT NAME: RITU KUMARI** CHECKUP BELOW 40FEMALE

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATTENT ID:

AGE/SEX : 36 Years

DRAWN RECEIVED: 23/03/2024 10:30:22

REPORTED :27/03/2024 11:34:28

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

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.

1. Evaluating the long-term control of the state of the s

- 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 (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

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





Page 13 Of 26

View Report



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





PATIENT NAME: RITU KUMARI REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH

CHECKUP BELOW 40FEMALE

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years

DRAWN

RECEIVED: 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

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

IMMUNOHAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD

ABO GROUP TYPE B

METHOD: TUBE AGGLUTINATION

RH TYPE **POSITIVE**

METHOD: TUBE AGGLUTINATION

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. Arpita Pasari, MD **Consultant Pathologist** Page 14 Of 26







PATIENT NAME: RITU KUMARI REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH

CHECKUP BELOW 40FEMALE

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN

RECEIVED: 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

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

BIOCHEMISTRY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

GLUCOSE FASTING, FLUORIDE PLASMA

FBS (FASTING BLOOD SUGAR)

89

87

74 - 99

mg/dL

GLUCOSE, POST-PRANDIAL, PLASMA

PPBS(POST PRANDIAL BLOOD SUGAR) 94 Normal: < 140,

mg/dL

Impaired Glucose Tolerance: 140-199 Diabetic > or = 200

METHOD: HEXOKINASE

METHOD: HEXOKINASE

LIPID PROFILE WITH CALCULATED LDL, SERUM

CHOLESTEROL, TOTAL 180 Desirable: <200

mg/dL

BorderlineHigh: 200-239

High: > or = 240

METHOD: OXIDASE, ESTERASE, PEROXIDASE

METHOD: DIRECT- NON IMMUNOLOGICAL

TRIGLYCERIDES 116 Desirable: < 150

mg/dL

Borderline High: 150 - 199

High: 200 - 499

Very High: > or = 500

METHOD: ENZYMATIC ASSAY

CHOLESTEROL LDL

70 High HDL CHOLESTEROL

< 40 Low

mg/dL

> or = 60 High

mg/dL

Optimal < 100

Adult levels:

Near optimal/above optimal:

100-129

Borderline high: 130-159

High: 160-189 Very high: = 190

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





Page 15 Of 26



Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001 Madhya Pradesh, India





CODE/NAME & ADDRESS : C000138355 ACCESSION NO: 0290XC004949 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : RITUF241287290A

F-703, LADO SARAI, MEHRAULISOUTH WEST CPIENT BALIENT ID:

DELHI NEW DELHI 110030 8800465156

AGE/SEX : 36 Years Female

DRAWN

RECEIVED : 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

	<u> </u>	
Test Report Status <u>Final</u>	Results	Biological Reference Interval Units
NON HDL CHOLESTEROL	110	Desirable: Less than 130 mg/dL
NON TIDE CHOLESTEROE	110	Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220
METHOD: CALCULATED		, -
VERY LOW DENSITY LIPOPROTEIN METHOD: CALCULATED	23.2	< or = 30 mg/dL
CHOL/HDL RATIO	2.6 Low	3.3 - 4.4
LDL/HDL RATIO	1.2	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

Risk Category	TISE VE (TITHET OSCIET OTTE CUIT UTOVUSCUTAT UT	, , ,	
Extreme risk group	A.CAD with > 1 feature of high risk group		
	B. CAD with > 1 feature of Very high risk g	group or recurrent ACS (within 1 year) despite LDL-C < or =	
	50 mg/dl or polyvascular disease		
Very High Risk	1. Established ASCVD 2. Diabetes with 2 1	najor risk factors or evidence of end organ damage 3.	
	Familial Homozygous Hypercholesterolemi	a	
High Risk	1. Three major ASCVD risk factors. 2. Diabetes with 1 major risk factor or no evidence of end organ		
		90 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		
Moderate Risk	2 major ASCVD risk factors		
Low Risk	0-1 major ASCVD risk factors		
Major ASCVD (Ath	erosclerotic cardiovascular disease) Risk Fa	ictors	
1. Age > or = 45 years in males and > or = 55 years in females 3. Current Cigarette smoking or tobacco use			
2. Family history of premature ASCVD 4. High blood pressure			
5. Low HDL			

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

Risk Group	Treatment Goals		Consider Drug T	herapy
	LDL-C (mg/dl)	Non-HDL (mg/dl)	LDL-C (mg/dl)	Non-HDL (mg/dl)
Extreme Risk Group Category A	<50 (Optional goal	< 80 (Optional goal	>OR = 50	>OR = 80
	< OR = 30)	< OR = 60)		

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



Page 16 Of 26

View Report



Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001

Madhya Pradesh, India Tel: 0731 2490008





CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHENT BATIENT ID:

AGE/SEX : 36 Years

DRAWN :

RECEIVED : 23/03/2024 10:30:22 REPORTED : 27/03/2024 11:34:28

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

Extreme Risk Group Category B	<or 30<="" =="" th=""><th><or 60<="" =="" th=""><th>> 30</th><th>>60</th></or></th></or>	<or 60<="" =="" th=""><th>> 30</th><th>>60</th></or>	> 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	0.26	0.0 - 1.2	mg/dL
METHOD: JENDRASSIK AND GROFF			
BILIRUBIN, DIRECT	0.14	0.0 - 0.2	mg/dL
METHOD: DIAZOTIZATION			
BILIRUBIN, INDIRECT	0.12	0.00 - 1.00	mg/dL
METHOD: CALCULATED			
TOTAL PROTEIN	7.9	6.4 - 8.3	g/dL
METHOD: BIURET			
ALBUMIN	4.7	3.50 - 5.20	g/dL
METHOD: BROMOCRESOL GREEN			
GLOBULIN	3.2	2.0 - 4.1	g/dL
METHOD: CALCULATED			
ALBUMIN/GLOBULIN RATIO	1.5	1.0 - 2.0	RATIO
METHOD: CALCULATED			
ASPARTATE AMINOTRANSFERASE(AST/SGOT)	15	UPTO 32	U/L
METHOD: UV WITH P5P			
ALANINE AMINOTRANSFERASE (ALT/SGPT)	19	UPTO 34	U/L
METHOD: UV WITH P5P			
ALKALINE PHOSPHATASE	88	35 - 104	U/L
METHOD: PNPP			
GAMMA GLUTAMYL TRANSFERASE (GGT)	14	5 - 36	U/L
METHOD: G-GLUTAMYL-CARBOXY-NITROANILIDE			
LACTATE DEHYDROGENASE	186	135 - 214	U/L
METHOD: ENZYMATIC LACTATE - PYRUVATE(IFCC)			

BLOOD UREA NITROGEN (BUN), SERUM

BLOOD UREA NITROGEN 9 6 - 20 mg/dL

METHOD : UREASE KINETIC

Dr.Arpita Pasari, MD Consultant Pathologist



Page 17 Of 26

View Details

View Report





CODE/NAME & ADDRESS : C000138355

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

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : **0290XC004949**

PATIENT ID : RITUF241287290A

CPIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN :

RECEIVED : 23/03/2024 10:30:22 REPORTED : 27/03/2024 11:34:28

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

CREATININE, SERUM

CREATININE 0.69 0.50 - 0.90 mg/dL

 ${\tt METHOD}: {\tt ALKALINE} \ {\tt PICRATE} \ {\tt KINETIC} \ {\tt JAFFES}$

BUN/CREAT RATIO

BUN/CREAT RATIO 13.04 5.0 - 15.0

METHOD: CALCULATED

URIC ACID, SERUM

URIC ACID 4.2 2.6 - 6.0 mg/dL

METHOD: URICASE/CATALASE UV

TOTAL PROTEIN, SERUM

TOTAL PROTEIN 7.9 6.4 - 8.3 g/dL

METHOD : BIURET

ALBUMIN, SERUM

ALBUMIN 4.7 3.5 - 5.2 g/dL

METHOD: BROMOCRESOL GREEN

GLOBULIN

3.2

Dr.Arpita Pasari, MD

GLOBULIN

Dr.Arpita Pasari, MD Consultant Pathologist



2.0 - 4.1



Page 18 Of 26

View Details

View Report



Agilus Diagnostics Ltd. Gate No 2, Residency Area, Opp. St. Raphaels School, Indore, 452001 Madhya Pradesh, India

Tel: 0731 2490008



g/dL

DELHI

NEW DELHI 110030 8800465156



PATIENT NAME: RITU KUMARI REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH

CHECKUP BELOW 40FEMALE AGE/SEX : 36 Years

CODE/NAME & ADDRESS : C000138355 ACCESSION NO: 0290XC004949 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : RITUF241287290A F-703, LADO SARAI, MEHRAULISOUTH WEST

DRAWN

RECEIVED: 23/03/2024 10:30:22 CPIENT BALIENT ID:

REPORTED :27/03/2024 11:34:28

	<u> </u>		
Test Report Status <u>Final</u>	Results Biological Reference Interval Units		Interval Units
ELECTROLYTES (NA/K/CL), SERUM			
ELECTROLITES (NA/R/CL), SEROM			
SODIUM, SERUM	144.2	136.0 - 146.0	mmol/L
METHOD: DIRECT ION SELECTIVE ELECTRODE			
POTASSIUM, SERUM	4.27	3.50 - 5.10	mmol/L
,	7.27	3.30 - 3.10	mmoly E
METHOD: DIRECT ION SELECTIVE ELECTRODE			
CHLORIDE, SERUM	105.9	98.0 - 106.0	mmol/L

Interpretation(s)

METHOD: DIRECT ION SELECTIVE ELECTRODE

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)

Interpretation(s)
GLUCOSE FASTING,FLUORIDE PLASMA-TEST DESCRIPTION

Normally, the glucose concentration in extracellular fluid is closely regulated so that a source of energy is readily available to tissues and sothat no glucose is excreted in the

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,hypopitularism,diffuse liver disease, malignancy(adrenocortical,stomach,fibrosarcoma),infant of a diabetic mother,enzyme deficiency diseases(e.g.galactosemia),Drugs-insulin,ethanol,propranolol

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





Page 19 Of 26

View Report

Madhya Pradesh, India Tel: 0731 2490008





REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH **PATIENT NAME: RITU KUMARI** CHECKUP BELOW 40FEMALE

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATTENT ID:

:36 Years AGE/SEX

Female DRAWN

RECEIVED: 23/03/2024 10:30:22

REPORTED :27/03/2024 11:34:28

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

sulfonylureas, tolbutamide, and other oral hypoglycemic agents.

NOTE: While random serum glucose levels correlate with home glucose monitoring results (weekly mean capillary glucose values), there is wide fluctuation within individuals. Thus, glycosylated hemoglobin (HbA1c) levels are favored to monitor glycemic control.

High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment,Renal Glyosuria,Glycaemic

index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc.

GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral 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 is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Bilirubin is excreted in bile and urine, and elevated levels may give yellow discoloration in jaundice. Elevated levels results from increased bilirubin production (eg, hemolysis and ineffective erythropoiesis), decreased bilirubin excretion (eg, obstruction and hepatitis), and abnormal bilirubin metabolism (eg, hereditary and neonatal jaundice). Conjugated (direct) bilirubin is elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin when there is some kind of blockage of the bile ducts like in Gallstones getting into the bile ducts, tumors &Scarring of the bile ducts. Increased unconjugated (indirect) bilirubin may be a result of Hemolytic or pernicious anemia, Transfusion reaction & a common metabolic condition termed Gilbert syndrome, due to low levels of the enzyme that attaches sugar molecules to bilirubin.

AST is an enzyme found in various parts of the body. AST is found in the liver, heart, skeletal muscle, kidneys, brain, and red blood cells, and it is commonly measured clinically as a marker for liver health. AST levels increase during chronic viral hepatitis, blockage of the bile duct, cirrhosis of the liver, liver cancer, kidney failure, hemolytic anemia, pancreatitis, hemochromatosis. AST levels may also increase after a heart attack or strenuous activity. ALT test measures the amount of this enzyme in the blood. ALT is found mainly in the liver, but also in smaller amounts in the kidneys,heart,muscles, and pancreas.It is commonly measured as a part of a diagnostic evaluation of hepatocellular injury, to determine liver health.AST levels increase during acute hepatitis, sometimes due to a viral infection, ischemia to the liver, chronic hepatitis, obstruction of bile ducts, cirrhosis.

ALP is a protein found in almost all body tissues. Tissues with higher amounts of ALP include the liver, bile ducts and bone. Elevated ALP levels are seen in Biliary obstruction, Osteoblastic bone tumors, osteomalacia, hepatitis, Hyperparathyroidism, Leukemia, Lymphoma, Pagets disease, Rickets, Sarcoidosis etc. Lower-than-normal ALP levels seen in Hypophosphatasia, Malnutrition, Protein deficiency, Wilsons disease.

GGT is an enzyme found in cell membranes of many tissues mainly in the liver, kidney and pancreas. It is also found in other tissues including intestine, spleen, heart, brain and seminal vesicles. The highest concentration is in the kidney, but the liver is considered the source of normal enzyme activity. Serum GGT has been widely used as an index of liver dysfunction. Elevated serum GGT activity can be found in diseases of the liver, biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease, high alcohol consumption and use of enzyme-inducing drugs etc.

Total Protein also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin. Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstroms disease.Lower-than-normal levels may be due to: Agammaglobulinemia,Bleeding (hemorrhage),Burns,Glomerulonephritis,Liver disease, Malabsorption,Malnutrition,Nephrotic syndrome, Protein-losing enteropathy etc. **Albumin** is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. Low blood albumin levels

(hypoalbuminemia) can be caused by:Liver disease like cirrhosis of the liver, nephrotic syndrome,protein-losing enteropathy,Burns,hemodilution,increased vascular

permeability or decreased lymphatic clearance,malnutrition and wasting etc BLOOD UREA NITROGEN (BUN), SERUM-**Causes of Increased** levels include Pre renal (High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal), Renal Failure, Post Renal (Malignancy, Nephrolithiasis, Prostatism)

Causes of decreased level include Liver disease, SIADH.

CREATININE, SERUM-Higher than normal level may be due to:

Blockage in the urinary tract, Kidney problems, such as kidney damage or failure, infection, or reduced blood flow, Loss of body fluid (dehydration), Muscle problems, such as breakdown of muscle fibers, Problems during pregnancy, such as seizures (eclampsia)), or high blood pressure caused by pregnancy (preeclampsia)

Lower than normal level may be due to: Myasthenia Gravis, Muscuophy
URIC ACID, SERUM-Causes of Increased levels: Dietary(High Protein Intake, Prolonged Fasting, Rapid weight loss), Gout, Lesch nyhan syndrome, Type 2 DM, Metabolic syndrome **Causes of decreased levels**-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 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. Arpita Pasari, MD **Consultant Pathologist**





Page 20 Of 26

View Report







CODE/NAME & ADDRESS : C000138355

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

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATTENT ID:

AGE/SEX : 36 Years

DRAWN :

RECEIVED : 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

Test Report Status Final Results Biological Reference Interval Units

CLINICAL PATH - URINALYSIS

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

PHYSICAL EXAMINATION, URINE

COLOR PALE YELLOW

APPEARANCE HAZY

CHEMICAL EXAMINATION, URINE

PH	5.0	4.7 - 7.5
SPECIFIC GRAVITY	1.010	1.003 - 1.035
PROTEIN	NOT DETECTED	NOT DETECTED
GLUCOSE	NOT DETECTED	NOT DETECTED
KETONES	NOT DETECTED	NOT DETECTED
BLOOD	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	3 - 5	NOT DETECTED	/HPF
PUS CELL (WBC'S)	5-7	0-5	/HPF
EPITHELIAL CELLS	3-5	0-5	/HPF

CASTS NOT DETECTED CRYSTALS NOT DETECTED

BACTERIA NOT DETECTED NOT DETECTED
YEAST NOT DETECTED NOT DETECTED

REMARKS Please note that all the urinary findings are confirmed manually as well.

Dr.Arpita Pasari, MD Consultant Pathologist



Page 21 Of 26

View Details





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

Patient Re





CODE/NAME & ADDRESS: C000138355 ACCESSION NO: 0290XC004949 AGE/SEX : 36 Years ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID : RITUF241287290A DRAWN

F-703, LADO SARAI, MEHRAULISOUTH WEST

CHENT BATTENT ID: RECEIVED : 23/03/2024 10:30:22 DELHI REPORTED :27/03/2024 11:34:28 **NEW DELHI 110030** 8800465156

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

Interpretation(s)

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 or listat, 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.Arpita Pasari, MD **Consultant Pathologist**





Page 22 Of 26





CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATTENT ID:

AGE/SEX : 36 Years

rs Female

DRAWN :

RECEIVED : 23/03/2024 10:30:22 REPORTED :27/03/2024 11:34:28

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

CYTOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

PAPANICOLAOU SMEAR

TEST METHOD CONVENTIONAL GYNEC CYTOLOGY

SPECIMEN TYPE TWO UNSTAINED CERVICAL SMEARS RECEIVED

REPORTING SYSTEM 2014 BETHESDA SYSTEM FOR REPORTING CERVICAL CYTOLOGY

SPECIMEN ADEQUACY
SATISFACTORY FOR EVALUATION WITH PRESENCE OF ENDOCERVICALTRANSFORMATION ZONE COMPONENT.

MICROSCOPY SMEARS SHOW SHEETS OF SUPERFICIAL & INTERMEDIATE SQUAMOUS

CELLS ALONG WITH CLUSTERS OF ENDOCERVICAL CELLS ON A BACKGROUND OF MODERATE ACUTE INFLAMMATORY CELLS.

NO ATYPICAL CELLS ARE SEEN.

INTERPRETATION / RESULT NEGATIVE FOR INTRAEPITHELIAL LESION OR MALIGNANCY

Comments

Advised clinical correlation and repeat after proper antibiotic treatment.

- * THE REPORT RELATES ONLY TO THE SAMPLE SUBMITTED".
- 1. PLEASE NOTE PAPANICOLAOU SMEAR STUDY IS A SCREENING PROCEDURE FOR CERVICAL CANCER WITH INHERENT FALSE NEGATIVE RESULTS, HENCE SHOULD BE INTERPRETED WITH CAUTION.
- 2. NO CYTOLOGIC EVIDENCE OF HPV INFECTION IN THE SMEARS STUDIED.
- 3. PRIMARY SCREENING AND REPORTING OF PAPANICOLAOU SMEARS IS CARRIED OUT BY SURGICAL PATHOLOGIST IN 100% OF CASES.

Dr.Arpita Pasari, MD

Dr.Arpita Pasari, MD Consultant Pathologist





Page 23 Of 26

View Details

View Report





REF. DOCTOR: DR. MEDI WHEEL FULL BODY HEALTH **PATIENT NAME: RITU KUMARI CHECKUP BELOW 40FEMALE**

CODE/NAME & ADDRESS : C000138355 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156

ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years

Female DRAWN

RECEIVED: 23/03/2024 10:30:22

REPORTED :27/03/2024 11:34:28

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

SPECIALISED CHEMISTRY - HORMONE

MEDI WHEEL FULL BODY HEALTH CHECKUP BELOW 40FEMALE

THYROID PANEL, SERUM

ng/dL 179.20 **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

METHOD: CHEMILUMINESCENCE TECHNOLOGY

μg/dL 11.49 Non-Pregnant Women Т4

5.10 - 14.10 Pregnant Women

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

METHOD: CHEMILUMINESCENCE TECHNOLOGY

TSH (ULTRASENSITIVE) 2.460 Non Pregnant Women μIU/mL

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

METHOD: CHEMILUMINESCENCE TECHNOLOGY

Interpretation(s)

Triiodothyronine T3, Thyroxine T4, and Thyroid Stimulating Hormone TSH are thyroid hormones which affect almost every physiological process in the body, including growth, development, metabolism, body temperature, and heart rate.

Production of T3 and its prohormone thyroxine (T4) is activated by thyroid-stimulating hormone (TSH), which is released from the pituitary gland. Elevated concentrations of T3, and T4 in the blood inhibit the production of TSH.

Excessive secretion of thyroxine in the body is hyperthyroidism, and deficient secretion is called hypothyroidism.

In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hyperthyroidism, TSH levels are low. Below mentioned are the guidelines for Pregnancy related reference ranges for Total T4, TSH & Total T3. Measurement of the serum TT3 level is a more sensitive test for the diagnosis of hyperthyroidism, and measurement of TT4 is more useful in the diagnosis of hypothyroidism. Most of the thyroid hormone in blood is bound to transport proteins. Only a very small fraction of the circulating hormone is free and biologically

Dr. Arpita Pasari, MD

Consultant Pathologist





Page 24 Of 26





CODE/NAME & ADDRESS : C000138355

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATTENT ID:

AGE/SEX : 36 Years
DRAWN :

.so rears remain

RECEIVED : 23/03/2024 10:30:22

REPORTED :27/03/2024 11:34:28

Test Report Status Final Results Biological Reference Interval Units

active. It is advisable to detect Free T3, FreeT4 along with TSH, instead of testing for albumin bound Total T3, Total T4.

Sr. No.	TSH	Total T4	FT4	Total T3	Possible Conditions
1	High	Low	Low	Low	(1) Primary Hypothyroidism (2) Chronic autoimmune Thyroiditis (3)
					Post Thyroidectomy (4) Post Radio-Iodine treatment
2	High	Normal	Normal	Normal	(1)Subclinical Hypothyroidism (2) Patient with insufficient thyroid
					hormone replacement therapy (3) In cases of Autoimmune/Hashimoto
					thyroiditis (4). Isolated increase in TSH levels can be due to Subclinical
					inflammation, drugs like amphetamines, Iodine containing drug and
					dopamine antagonist e.g. domperidone and other physiological reasons.
3	Normal/Low	Low	Low	Low	(1) Secondary and Tertiary Hypothyroidism
4	Low	High	High	High	(1) Primary Hyperthyroidism (Graves Disease) (2) Multinodular Goitre
					(3)Toxic Nodular Goitre (4) Thyroiditis (5) Over treatment of thyroid
					hormone (6) Drug effect e.g. Glucocorticoids, dopamine, T4
					replacement therapy (7) First trimester of Pregnancy
5	Low	Normal	Normal	Normal	(1) Subclinical Hyperthyroidism
6	High	High	High	High	(1) TSH secreting pituitary adenoma (2) TRH secreting tumor
7	Low	Low	Low	Low	(1) Central Hypothyroidism (2) Euthyroid sick syndrome (3) Recent
					treatment for Hyperthyroidism
8	Normal/Low	Normal	Normal	High	(1) T3 thyrotoxicosis (2) Non-Thyroidal illness
9	Low	High	High	Normal	(1) T4 Ingestion (2) Thyroiditis (3) Interfering Anti TPO antibodies

REF: 1. TIETZ Fundamentals of Clinical chemistry 2.Guidlines of the American Thyroid association during pregnancy and Postpartum, 2011. **NOTE: It is advisable to detect Free T3,FreeT4 along with TSH, instead of testing for albumin bound Total T3, Total T4.**TSH is not affected by variation in thyroid - binding protein. TSH has a diurnal rhythm, with peaks at 2:00 - 4:00 a.m. And troughs at 5:00 - 6:00 p.m. With ultradian variations.

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

Dr. Arpita Pasari. I

Dr.Arpita Pasari, MD Consultant Pathologist





Page 25 Of 26

View Details

View Penort





CODE/NAME & ADDRESS: C000138355

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

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0290XC004949

PATIENT ID : RITUF241287290A

CHIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN :

RECEIVED : 23/03/2024 10:30:22 REPORTED : 27/03/2024 11:34:28

Test Report Status Final Results 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.
- 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.
- 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

Pepita

Dr.Arpita Pasari, MD Consultant Pathologist





Page 26 Of 26

View Details

View Report



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

