

REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD **PATIENT NAME: SWETA MUND** ( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CHIENT BATIENT ID:

AGE/SEX :36 Years Female

DRAWN

RECEIVED: 23/06/2023 09:38:38 REPORTED: 24/06/2023 18:47:51

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

## **MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 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** 

**ECG** 

**ECG** WITHIN NORMAL LIMITS

MAMOGRAPHY (BOTH BREASTS)

1. FIBROADENOSIS CHANGES MAMOGRAPHY BOTH BREASTS

2. FIBROADENOMA IN LEFT BREAST

**MEDICAL HISTORY** 

RELEVANT PRESENT HISTORY NOT SIGNIFICANT RELEVANT PAST HISTORY NOT SIGNIFICANT RELEVANT PERSONAL HISTORY NOT SIGNIFICANT RELEVANT FAMILY HISTORY FATHER HAS DM+ **NOT SIGNIFICANT** OCCUPATIONAL HISTORY **NOT SIGNIFICANT** HISTORY OF MEDICATIONS

**ANTHROPOMETRIC DATA & BMI** 

HEIGHT IN METERS 1.58 mts WEIGHT IN KGS. 70 Kqs

**RMI** 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

**GENERAL EXAMINATION** 

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

**STATUS** 

U. Adurgyothi

Dr. Uram Aruna Jyothi **Consultant Pathologist** 



Page 1 Of 23



Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956





PATIENT NAME : SWETA MUND

REF. DOCTOR : DR. ACROFEMI HEALTHCARE LTD

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

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

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: **0194WF001977** 

PATIENT ID : SWETF200986194

CHIENT BATIENT ID:

AGE/SEX :36 Years Female DRAWN :

DRAWN .

RECEIVED : 23/06/2023 09:38:38 REPORTED : 24/06/2023 18:47:51

Test Report Status Final Results Biological Reference Interval Units

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

NECK LYMPHATICS / SALIVARY GLANDS NOT ENLARGED OR TENDER

THYROID GLAND NOT ENLARGED

CAROTID PULSATION NORMAL TEMPERATURE NORMAL

PULSE REGULAR, ALL PERIPHERAL PULSES WELL FELT, NO CAROTID BRUIT

RESPIRATORY RATE NORMAL

CARDIOVASCULAR SYSTEM

BP 110/60 MM HG mm/Hg

(SITTING) NORMAL NORMAL

APEX BEAT NORMAL HEART SOUNDS NORMAL MURMURS ABSENT

RESPIRATORY SYSTEM

SIZE AND SHAPE OF CHEST

MOVEMENTS OF CHEST

BREATH SOUNDS INTENSITY

NORMAL

BREATH SOUNDS QUALITY VESICULAR (NORMAL)

ADDED SOUNDS ABSENT

PER ABDOMEN

**PERICARDIUM** 

APPEARANCE NORMAL VENOUS PROMINENCE ABSENT

LIVER NOT PALPABLE
SPLEEN NOT PALPABLE
HERNIA ABSENT

**CENTRAL NERVOUS SYSTEM** 

U. Adurgyjothi

Dr. Uram Aruna Jyothi Consultant Pathologist



Page 2 Of 23

View Details

View Report



Agilus Diagnostics Ltd.
Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002
Andhra Pradesh, India

Tel: 9111591115, Fax: CIN-U74899PB1995PLC045956





PATIENT NAME : SWETA MUND

REF. DOCTOR : DR. ACROFEMI HEALTHCARE LTD

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: **0194WF001977** 

PATIENT ID : SWETF200986194

CHIENT BATTENT ID:

AGE/SEX : 36 Years Female

DRAWN :

RECEIVED : 23/06/2023 09:38:38 REPORTED : 24/06/2023 18:47:51

## Test Report Status Final Results Biological Reference Interval Units

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

**MUSCULOSKELETAL SYSTEM** 

SPINE NORMAL JOINTS NORMAL

**BASIC EYE EXAMINATION** 

CONJUNCTIVA NORMAL EYELIDS NORMAL EYE MOVEMENTS NORMAL CORNEA NORMAL

DISTANT VISION RIGHT EYE WITHOUT WITHIN NORMAL LIMIT

**GLASSES** 

DISTANT VISION LEFT EYE WITHOUT WITHIN NORMAL LIMIT

**GLASSES** 

NEAR VISION RIGHT EYE WITHOUT GLASSES WITHIN NORMAL LIMIT NEAR VISION LEFT EYE WITHOUT GLASSES WITHIN NORMAL LIMIT

COLOUR VISION NORMAL

**BASIC ENT EXAMINATION** 

EXTERNAL EAR CANAL NORMAL TYMPANIC MEMBRANE NORMAL

NOSE NO ABNORMALITY DETECTED

SINUSES CLEAR

THROAT NO ABNORMALITY DETECTED

TONSILS NOT ENLARGED

**BASIC DENTAL EXAMINATION** 

TEETH NORMAL GUMS HEALTHY

**SUMMARY** 

RELEVANT HISTORY NOT SIGNIFICANT

U. Adurgyjothi

Dr. Uram Aruna Jyothi Consultant Pathologist



Page 3 Of 23

View Details

View Repor

Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl,Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956





CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

NEW DELHI 110030 8800465156 ACCESSION NO : **0194WF001977** 

PATIENT ID : SWETF200986194

CHIENT BATTENT ID:

AGE/SEX : 36 Years Female

DRAWN :

RECEIVED : 23/06/2023 09:38:38 REPORTED : 24/06/2023 18:47:51

Test Report Status Final Results Biological Reference Interval Units

RELEVANT GP EXAMINATION FINDINGS

RELEVANT LAB INVESTIGATIONS

RELEVANT NON PATHOLOGY DIAGNOSTICS

REMARKS / RECOMMENDATIONS

NOT SIGNIFICANT

WITHIN NORMAL LIMITS

NO ABNORMALITIES DETECTED

ADVICE TO FOLLOW UP WITH PHYSICIAN FOR ANEMIA AND ELEVATED

HBA1C.

ADVICE TO FOLLOW UP WITH SURGEON FOR FIBROADENOMA LEFT

BREST.

**FITNESS STATUS** 

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

U. Adurgyothe

Dr. Uram Aruna Jyothi Consultant Pathologist





Page 4 Of 23

View Details

View Report



Andhra Pradesh, India Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956





REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD **PATIENT NAME: SWETA MUND** 

CHIENT BATTENT ID:

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST DELHI

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID

: SWETF200986194

DRAWN

AGE/SEX

RECEIVED: 23/06/2023 09:38:38 REPORTED: 24/06/2023 18:47:51

:36 Years

Units **Test Report Status** Results **Final** 

## **MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 40FEMALE**

#### **ULTRASOUND ABDOMEN**

#### **ULTRASOUND ABDOMEN**

1.BULKY UTERUS 2.THICKENED ENDOMETRIUM.

TMT OR ECHO TMT OR ECHO

TRIVIAL TR, NO PAH

#### 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.

- Basis 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 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. total color blindness in color related jobs.

U. Adurgyothi

Dr. Uram Aruna Jyothi **Consultant Pathologist** 



Page 5 Of 23





Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India

Tel: 9111591115, Fax: CIN-U74899PB1995PLC045956





CODE/NAME & ADDRESS : C000138398 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CHIENT BATTENT ID:

AGE/SEX : 36 Years

Female

DRAWN

RECEIVED: 23/06/2023 09:38:38 REPORTED :24/06/2023 18:47:51

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

ЦΛ	TOI	_OGY		
ПА	A I OL	JUGI	- 1	LDL

# MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 40FEMALE

BLOOD COUNTS, EDTA WHOLE BLOOD	
HEMOGLOBIN (HB)	

HEMOGLOBIN (HB)	10.7 Low	12.0 - 15.0	g/dL
RED BLOOD CELL (RBC) COUNT	4.76	3.8 - 4.8	mil/μL
WHITE BLOOD CELL (WBC) COUNT	6.20	4.0 - 10.0	thou/µL
PLATELET COUNT	229	150 - 410	thou/µL
RBC AND PLATELET INDICES			
HEMATOCRIT (PCV)	35.3 Low	36 - 46	%
MEAN CORPUSCULAR VOLUME (MCV)	74.0 Low	83 - 101	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	22.5 Low	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC)	30.4 Low	31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW)	16.8 High	11.6 - 14.0	%
MENTZER INDEX	15.6		
MEAN PLATELET VOLUME (MPV)	9.2	6.8 - 10.9	fL
WBC DIFFERENTIAL COUNT			
NEUTROPHILS	69	40 - 80	%
LYMPHOCYTES	20	20 - 40	%
MONOCYTES	8	2 - 10	%
EOSINOPHILS	3	1 - 6	%
BASOPHILS	0	0 - 2	%
ABSOLUTE NEUTROPHIL COUNT	4.28	2.0 - 7.0	thou/µL
ABSOLUTE LYMPHOCYTE COUNT	1.24	1.0 - 3.0	thou/µL
ABSOLUTE MONOCYTE COUNT	0.50	0.2 - 1.0	thou/µL
ABSOLUTE EOSINOPHIL COUNT	0.19	0.02 - 0.50	thou/µL
ABSOLUTE BASOPHIL COUNT	0.00 Low	0.02 - 0.10	thou/µL

**MORPHOLOGY** 

**RBC** MICROCYTIC HYPOCHROMIC CELLS.

**WBC** NORMAL COUNT & DISTIBUTION, NO ABNORMAL CELLS / IMMATURE

CELLS.

3.5

U. Adurgyothe

Dr. Uram Aruna Jyothi **Consultant Pathologist** 



Page 6 Of 23

## **PERFORMED AT:**

Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India

NEUTROPHIL LYMPHOCYTE RATIO (NLR)

Tel: 9111591115, Fax: CIN-U74899PB1995PLC045956





REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD **PATIENT NAME: SWETA MUND** 

( MEDIWHEEL ) CODE/NAME & ADDRESS : C000138398 ACCESSION NO: 0194WF001977 AGE/SEX

:36 Years ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID DRAWN : SWETF200986194

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST RECEIVED: 23/06/2023 09:38:38 CHIENT BATIENT ID: **DELHI** 

REPORTED: 24/06/2023 18:47:51 **NEW DELHI 110030** 

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

**PLATELETS IMPRESSION** 

8800465156

ADEQUATE & DISCRETELY PRESENT. NO HAEMOPARASITES SEEN. MICROCYTIC HYPOCHROMIC ANEMIA.

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.

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 = 3.4 (20.1%) covided to the contract of the

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.

U. Adurgyothe

Dr. Uram Aruna Jyothi **Consultant Pathologist** 





Page 7 Of 23



Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956





REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD **PATIENT NAME: SWETA MUND** 

( MEDIWHEEL ) AGE/SEX

CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

ABHANNBATIENT ID:

DRAWN

RECEIVED: 23/06/2023 09:38:38 REPORTED: 24/06/2023 18:47:51

:36 Years

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

HAEMATOLOGY

MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 40FEMALE

**ERYTHROCYTE SEDIMENTATION RATE (ESR), WHOLE BLOOD** 

E.S.R 20 0 - 20

mm at 1 hr

GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE

**BLOOD** HBA1C

6.6 High

Non-diabetic: < 5.7

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

Action suggested: > 8.0

METHOD: IMMUNOTURBIDIMETRIC ASSAY

ESTIMATED AVERAGE GLUCOSE(EAG)

142.7 High

< 116.0

mg/dL

%

Comments

NOTE: KINDLY CORRELATE THE GLYCOSYLATED HEMOGLOBIN RESULT CLINICALLY.

Interpretation(s)
ERYTHROCYTE SEDIMENTATION RATE (ESR), WHOLE 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)

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:

Page 8 Of 23







Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India

Tel: 9111591115, Fax: CIN-U74899PB1995PLC045956





REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD **PATIENT NAME: SWETA MUND** ( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CHIENT BATIENT ID:

AGE/SEX :36 Years

Female

DRAWN

RECEIVED: 23/06/2023 09:38:38

REPORTED :24/06/2023 18:47:51

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

- 1. Evaluating the long-term control of blood glucose concentrations in diabetic patients.
- 2. Diagnosing diabetes.3. Identifying patients at increased risk for diabetes (prediabetes).

The ADA recommends measurement of HbA1c (typically 3-4 times per year for type 1 and poorly controlled type 2 diabetic patients, and 2 times per year for well-controlled type 2 diabetic patients) to determine whether a patients metabolic control has remained continuously within the target range.

1. eAG (Estimated average glucose) converts percentage HbA1c to md/dl, to compare blood glucose levels.

- eAG gives an evaluation of blood glucose levels for the last couple of months.
   eAG is calculated as eAG (mg/dl) = 28.7 \* HbA1c 46.7

#### HbA1c Estimation can get affected due to :

- 1. Shortened Erythrocyte survival: Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g. recovery from acute blood loss, hemolytic anemia) will falsely lower HbA1c test results. Fructosamine is recommended in these patients which indicates diabetes control over 15 days. 2. Vitamin C & E are reported to falsely lower test results. (possibly by inhibiting glycation of hemoglobin.
- 3. Iron deficiency anemia is reported to increase test results. Hypertriglyceridemia, uremia, hyperbilirubinemia, chronic alcoholism, chronic ingestion of salicylates & opiates addiction are reported to interfere with some assay methods, falsely increasing results.

  4. Interference of hemoglobinopathies in HbA1c estimation is seen in
- a) Homozygous hemoglobinopathy. Fructosamine is recommended for testing of HbA1c.
- b) Heterozygous state detected (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

Page 9 Of 23









( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CHIENT BATIENT ID:

AGE/SEX :36 Years

Female DRAWN

RECEIVED: 23/06/2023 09:38:38 REPORTED :24/06/2023 18:47:51

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

## **IMMUNOHAEMATOLOGY**

#### MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 40FEMALE

#### **ABO GROUP & RH TYPE, EDTA WHOLE BLOOD**

**ABO GROUP** TYPE B RH TYPE **POSITIVE** 

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD-Blood group is identified by antigens and antibodies present in the blood. Antigens are protein molecules found on the surface of red blood cells. Antibodies are found in plasma. To determine blood group, red cells are mixed with different antibody solutions to give A,B,O or AB.

Disclaimer: "Please note, as the results of previous ABO and Rh group (Blood Group) for pregnant women are not available, please check with the patient records for availability of the same."

The test is performed by both forward as well as reverse grouping methods.

U. Adurgyothe

Dr. Uram Aruna Jyothi **Consultant Pathologist** 



Page 10 Of 23



Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956





PATIENT NAME: SWETA MUND REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

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

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CHIENT BATIENT ID:

AGE/SEX : 36 Years

DRAWN :

RECEIVED : 23/06/2023 09:38:38 REPORTED : 24/06/2023 18:47:51

Test Report Status Final Results Biological Reference Interval Units

BIOCHEMISTRY

MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 40FEMALE

**GLUCOSE FASTING, FLUORIDE PLASMA** 

FBS (FASTING BLOOD SUGAR) 117 High Normal: < 100 mg/dL

Pre-diabetes: 100-125

Diabetes: >/=126

 ${\tt METHOD}: {\tt HEXOKINASE}$ 

**GLUCOSE, POST-PRANDIAL, PLASMA** 

PPBS(POST PRANDIAL BLOOD SUGAR) **171 High** 70 - 140 mg/dL

METHOD: HEXOKINASE

LIPID PROFILE, SERUM

CHOLESTEROL, TOTAL 168 < 200 Desirable mg/dL

200 - 239 Borderline High

>/= 240 High

METHOD : CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE

TRIGLYCERIDES 82 < 150 Normal mg/dL

150 - 199 Borderline High

200 - 499 High >/=500 Very High

METHOD: ENZYMATIC ASSAY

METHOD: DIRECT MEASURE - PEG

HDL CHOLESTEROL 40 < 40 Low mg/dL

>/=60 High

CHOLESTEROL LDL 112 High < 100 Optimal mg/dL

100 - 129

Near optimal/ above optimal

130 - 159 Borderline High 160 - 189 High >/= 190 Very High

NON HDL CHOLESTEROL 128 Desirable: Less than 130 mg/dL

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

High: 190 - 219

Very high: > or = 220

VERY LOW DENSITY LIPOPROTEIN 16.4 </= 30.0 mg/dL

U. Asurgyotte

Dr. Uram Aruna Jyothi Consultant Pathologist



Page 11 Of 23

View Details

View Repor



Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl,Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956





CODE/NAME & ADDRESS : C000138398 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CPIENT BATIENT ID:

DRAWN

AGE/SEX : 36 Years Female

RECEIVED: 23/06/2023 09:38:38 REPORTED :24/06/2023 18:47:51

		i	i
Test Report Status	<u>Final</u>	Results	Biological Reference Interval Units
CHOL/HDL RATIO		4.2	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		2.8	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					
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	major 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				
	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				
Moderate Risk	2 major ASCVD risk factors				
Low Risk	0-1 major ASCVD risk factors				
Major ASCVD (Atherosclerotic cardiovascular disease) Risk Factors					
1. Age > or = 45 years in males and > or = 55 years in females  3. Current Cigarette smoking or tobacco use					
2. Family history of p	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 Therapy	
	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
	$\langle OR = 30 \rangle$	<OR = 60)		
Extreme Risk Group Category B	<or 30<="" =="" td=""><td>&lt;OR = 60</td><td>&gt; 30</td><td>&gt;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

U. Adurgyothi

Dr. Uram Aruna Jyothi **Consultant Pathologist** 





Page 12 Of 23



Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India

Tel: 9111591115, Fax: CIN-U74899PB1995PLC045956





CODE/NAME & ADDRESS : C000138398 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CPIENT BATIENT ID:

AGE/SEX :36 Years

Female DRAWN

RECEIVED: 23/06/2023 09:38:38 REPORTED :24/06/2023 18:47:51

Test Report Status	Final	Results	Biological Reference Interval	Units

Low Risk <	<100	<130	>OR= 130*	>OR= 160
------------	------	------	-----------	----------

<sup>\*</sup>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	FUNC <sup>*</sup>	ΓΙΟΝ	PROFIL	.E, SERUM
-------	-------------------	------	--------	-----------

0.30	0.2 - 1.0	mg/dL
0.10	0.0 - 0.2	mg/dL
0.20	0.1 - 1.0	mg/dL
7.0	6.4.00	7.11
_		g/dL
		g/dL
		g/dL
1.1	1.0 - 2.1	RATIO
22	15 - 37	U/L
26	< 34.0	U/L
78	30 - 120	U/L
24	5 - 55	U/L
152	100 - 190	U/L
8	6 - 20	mg/dL
0.73	0.60 - 1.10	mg/dL
10.96	5.00 - 15.00	
4.8	2.6 - 6.0	mg/dL
7.9	6.4 - 8.2	g/dL
	0.10 0.20 7.9 4.2 3.7 1.1 22 26 78 24 152 8 0.73	0.10       0.0 - 0.2         0.20       0.1 - 1.0         7.9       6.4 - 8.2         4.2       3.4 - 5.0         3.7       2.0 - 4.1         1.1       1.0 - 2.1         22       15 - 37         26       < 34.0

U. Adurgyothe

Page 13 Of 23

Dr. Uram Aruna Jyothi **Consultant Pathologist** 





## **PERFORMED AT:**

Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India

Tel: 9111591115, Fax: CIN-U74899PB1995PLC045956





CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : **0194WF001977** 

PATIENT ID : SWETF200986194

CHENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN :

RECEIVED : 23/06/2023 09:38:38 REPORTED : 24/06/2023 18:47:51

	į	i	
Test Report Status <u>Final</u>	Results	Biological Reference	e Interval Units
ALBUMIN, SERUM			
ALBUMIN  METHOD: BROMOCRESOL PURPLE	4.2	3.4 - 5.0	g/dL
GLOBULIN			
GLOBULIN	3.7	2.0 - 4.1	g/dL
ELECTROLYTES (NA/K/CL), SERUM			
SODIUM, SERUM  METHOD: ION-SELECTIVE ELECTRODE	143	137 - 145	mmol/L
POTASSIUM, SERUM  METHOD: ION-SELECTIVE ELECTRODE	4.0	3.6 - 5.0	mmol/L
CHLORIDE, SERUM  METHOD: ION-SELECTIVE ELECTRODE	105	98 - 107	mmol/L

#### Comments

TEST IS OUT SOURCED TO MUMBAI SRL.

#### Interpretation(s)

Sodium	Potassium	Chloride
Decreased in:CCF, cirrhosis, vomiting, diarrhea, excessive sweating, salt-losing nephropathy, adrenal insufficiency, nephrotic syndrome, water intoxication, SIADH. Drugs: thiazides, diuretics, ACE inhibitors, chlorpropamide, carbamazepine, anti depressants (SSRI), antipsychotics.	Decreased in: Low potassium intake, prolonged vomiting or diarrhea, RTA types I and II, hyperaldosteronism, Cushing's syndrome, osmotic diuresis (e.g., hyperglycemia), alkalosis, familial periodic paralysis, trauma (transient). Drugs: Adrenergic agents, diuretics.	Decreased in: Vomiting, diarrhea, renal failure combined with salt deprivation, over-treatment with diuretics, chronic respiratory acidosis, diabetic ketoacidosis, excessive sweating, SIADH, salt-losing nephropathy, porphyria, expansion of extracellular fluid volume, adrenalinsufficiency, hyperaldosteronism, metabolic alkalosis. Drugs: chronic laxative, corticosteroids, diuretics.
Increased in: Dehydration (excessives weating, severe vomiting or diarrhea), diabetes mellitus, diabetes insipidus, hyperaldosteronism, inadequate water intake. Drugs: steroids, licorice, oral contraceptives.	Increased in: Massive hemolysis, severe tissue damage, rhabdomyolysis, acidosis, dehydration,renal failure, Addison's disease, RTA type IV, hyperkalemic familial periodic paralysis. Drugs: potassium salts, potassium- sparing diuretics,NSAIDs, beta-blockers, ACE inhibitors, highdose trimethoprim-sulfamethoxazole.	Increased in: Renal failure, nephrotic syndrome, RTA,dehydration, overtreatment with saline,hyperparathyroidism, diabetes insipidus, metabolic acidosis from diarrhea (Loss of HCO3-), respiratory alkalosis,hyperadrenocorticism. Drugs: acetazolamide,androgens, hydrochlorothiazide,salicylates.

U. Adurgyothe

Dr. Uram Aruna Jyothi Consultant Pathologist





Page 14 Of 23

View Details

View Repor



Agilus Diagnostics Ltd.
Flat No. 104-106, Animishai Pearl, Collectrorate Junction
Visakhapatnam, 530002
Andhra Pradesh, India
Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956





REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD **PATIENT NAME: SWETA MUND** 

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398 ACCESSION NO: 0194WF001977 AGE/SEX :36 Years ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

PATIENT ID : SWETF200986194 DRAWN

CHIENT BATTENT ID:

RECEIVED: 23/06/2023 09:38:38

REPORTED: 24/06/2023 18:47:51

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

Interferences: Severe lipemia or hyperproteinemi, if sodium analysis involves a dilution step can cause spurious results. The serum sodium falls about 1.6 mEq/L for each 100 mg/dL increase in blood glucose.

Interferences: Hemolysis of sample, delayed separation of serum, prolonged fist clenching during blood drawing, and prolonged tourniquet placement. Very high WBC/PLT counts may cause spurious. Plasma potassium levels are normal.

Interferences: Test is helpful in assessing normal and increased anion gap metabolic acidosis and in distinguishing hypercalcemia due to hyperparathyroidism (high serum chloride) from that due to malignancy (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,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.

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, billiary 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:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome Causes of decreased levels:-Dietary(High Protein Intake,Protein Intake,Pr

U. Adurgyothe

Page 15 Of 23

Dr. Uram Aruna Jyothi Consultant Pathologist







Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India Tel: 9111591115, Fax: CIN-U74899PB1995PLC045956 Email: customercare.vizag@agilus.in





CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : **0194WF001977** 

PATIENT ID : SWETF200986194

CHIENT BATIENT ID:

AGE/SEX : 36 Years

rs Female

DRAWN :

RECEIVED : 23/06/2023 09:38:38 REPORTED : 24/06/2023 18:47:51

Test Report Status Final Results Biological Reference Interval Units

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.

U. Adurgyotta

Dr. Uram Aruna Jyothi Consultant Pathologist



Page 16 Of 23

/iew Details



Agilus Diagnostics Ltd.
Flat No. 104-106, Animishai Pearl,Collectrorate Junction
Visakhapatnam, 530002
Andhra Pradesh, India
Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956
Email: customercare.vizag@agilus.in





**PATIENT NAME: SWETA MUND** REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CHIENT BATIENT ID:

AGE/SEX :36 Years

DRAWN RECEIVED: 23/06/2023 09:38:38

REPORTED: 24/06/2023 18:47:51

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

## CLINICAL PATH - URINALYSIS

#### MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 40FEMALE

PHYSICAL EXAMINATION, URINE

COLOR Yellow

METHOD: MANUAL

**CLEAR APPEARANCE** 

METHOD: MANUAL

CHEMICAL EXAMINATION, URINE

6.0 4.7 - 7.5

METHOD: REFLECTANCE SPECTROPHOTOMETRY

SPECIFIC GRAVITY 1.010 1.003 - 1.035

METHOD: REFLECTANCE SPECTROPHOTOMETRY

**PROTEIN** NOT DETECTED **NEGATIVE** 

METHOD: REFLECTANCE SPECTROPHOTOMETRY

METHOD: REFLECTANCE SPECTROPHOTOMETRY

METHOD: REFLECTANCE SPECTROPHOTOMETRY

NOT DETECTED NOT DETECTED **GLUCOSE** METHOD: REFLECTANCE SPECTROPHOTOMETRY

NOT DETECTED **NOT DETECTED KETONES** 

METHOD: REFLECTANCE SPECTROPHOTOMETRY

NOT DETECTED NOT DETECTED **BLOOD** 

**BILIRUBIN** NOT DETECTED NOT DETECTED

METHOD: REFLECTANCE SPECTROPHOTOMETRY

UROBILINOGEN **NORMAL NORMAL** 

NOT DETECTED NOT DETECTED NITRITE

METHOD: REFLECTANCE SPECTROPHOTOMETRY

LEUKOCYTE ESTERASE NOT DETECTED NOT DETECTED

MICROSCOPIC EXAMINATION, URINE

/HPF NOT DETECTED NOT DETECTED RED BLOOD CELLS

METHOD: MICROSCOPIC EXAMINATION

/HPF PUS CELL (WBC'S) 2-3 0 - 5

METHOD: MICROSCOPIC EXAMINATION

/HPF EPITHELIAL CELLS 3-5 0-5

METHOD: MICROSCOPIC EXAMINATION

U. Adurgyothi

Page 17 Of 23

Dr. Uram Aruna Jyothi **Consultant Pathologist** 







Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956 Email: customercare.vizag@agilus.in





**PATIENT NAME: SWETA MUND** REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398

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

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

EPIENT BATIENT ID:

AGE/SEX :36 Years

DRAWN

RECEIVED: 23/06/2023 09:38:38 REPORTED :24/06/2023 18:47:51

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

NOT DETECTED **CASTS** 

METHOD: MICROSCOPIC EXAMINATION

NOT DETECTED **CRYSTALS** 

METHOD: MICROSCOPIC EXAMINATION

**BACTERIA** NOT DETECTED NOT DETECTED

METHOD: MICROSCOPIC EXAMINATION

YEAST NOT DETECTED NOT DETECTED

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 orlistat, ingestion of ethylene glycol or of star fruit (Averrhoa carambola) or its juice				
Uric acid	arthritis				

U. Adurgyothe

Dr. Uram Aruna Jyothi **Consultant Pathologist** 



Page 18 Of 23



Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India

Tel: 9111591115, Fax: CIN-U74899PB1995PLC045956





PATIENT NAME: SWETA MUND

REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398

ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO : **0194WF001977** 

PATIENT ID : SWETF200986194

CPIENT BATIENT ID:

AGE/SEX : 36 Years

DRAWN :

RECEIVED : 23/06/2023 09:38:38 REPORTED : 24/06/2023 18:47:51

Test Report Status Final Results Biological Reference Interval Units

Bacteria Urinary infectionwhen present in significant numbers & with pus cells.

Trichomonas vaginalis Vaginitis, cervicitis or salpingitis

U. Adurgyotta

Dr. Uram Aruna Jyothi Consultant Pathologist





Page 19 Of 23

View Details

Niew Beneu



Agilus Diagnostics Ltd.
Flat No. 104-106, Animishai Pearl, Collectrorate Junction
Visakhapatnam, 530002
Andhra Pradesh, India
Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956





**PATIENT NAME: SWETA MUND** REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398 ACCESSION NO: 0194WF001977 AGE/SEX : 36 Years ARCOFEMI HEALTHCARE LTD (MEDIWHEEL PATIENT ID

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST CHIENT BATTENT ID:

**DELHI** 

**NEW DELHI 110030** 8800465156

: SWETF200986194 DRAWN

RECEIVED: 23/06/2023 09:38:38 REPORTED :24/06/2023 18:47:51

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

## **CLINICAL PATH - STOOL ANALYSIS**

## MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 40FEMALE

PHYSICAL EXAMINATION, STOOL

SAMPLE NOT RECEIVED **COLOUR** 

CONSISTENCY SAMPLE NOT **RECEIVED** 

**MUCUS** SAMPLE NOT NOT DETECTED

**RECEIVED** 

U. Adurgyothe

Dr. Uram Aruna Jyothi **Consultant Pathologist** 



Page 20 Of 23

**PERFORMED AT:** 

Email: customercare.vizag@agilus.in

Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India Tel: 9111591115, Fax: CIN-U74899PB1995PLC045956





RECEIVED: 23/06/2023 09:38:38

REF. DOCTOR: DR. ACROFEMI HEALTHCARE LTD **PATIENT NAME: SWETA MUND** 

( MEDIWHEEL )

CODE/NAME & ADDRESS : C000138398 ACCESSION NO: 0194WF001977 AGE/SEX :36 Years Female ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

CHIENT BATIENT ID:

PATIENT ID DRAWN : SWETF200986194 F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

REPORTED: 24/06/2023 18:47:51 **NEW DELHI 110030** 8800465156

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

#### SPECIALISED CHEMISTRY - HORMONE

#### MEDI WHEEL FULL BODY HEALTH CHECKUP ABOVE 40FEMALE

#### THYROTO PANEL SERLIM

INTROLD PANEL, SERUM			
Т3	169.60	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	9.85	Non-Pregnant Women 5.10 - 14.10 Pregnant Women 1st Trimester: 7.33 - 14.80 2nd Trimester: 7.93 - 16.10 3rd Trimester: 6.95 - 15.70	μg/dL
TSH (ULTRASENSITIVE)	2.110	Non Pregnant Women 0.27 - 4.20 Pregnant Women 1st Trimester: 0.33 - 4.59 2nd Trimester: 0.35 - 4.10 3rd Trimester: 0.21 - 3.15	μIU/mL

## 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 hyporthyroidism, 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 active. It is advisable to detect Free T3, Free T4 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

U. Adurgyothi

Dr. Uram Aruna Jyothi **Consultant Pathologist** 





Page 21 Of 23

## **PERFORMED AT:**

Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl, Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956

Email: customercare.vizag@agilus.in

Patient Ref. No. 775000003653012



CODE/NAME & ADDRESS : C000138398 ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

**DELHI** 

**NEW DELHI 110030** 8800465156

ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CHIENT BATTENT ID:

AGE/SEX

:36 Years Female

DRAWN

RECEIVED: 23/06/2023 09:38:38 REPORTED :24/06/2023 18:47:51

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

2	High	Normal	Normal	Normal	(1)Subclinical Hypothyroidism (2) Patient with insufficient thyroid
	111gn	Noma	Nonnai	Norman	hormone replacement therapy (3) In cases of Autoimmune/Hashimoto
					1 15 ( )
					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

U. Adurgyothe

Dr. Uram Aruna Jyothi **Consultant Pathologist** 





Page 22 Of 23





CODE/NAME & ADDRESS : C000138398
ARCOFEMI HEALTHCARE LTD (MEDIWHEEL

F-703, F-703, LADO SARAI, MEHRAULISOUTH WEST

DELHI

NEW DELHI 110030 8800465156 ACCESSION NO: 0194WF001977

PATIENT ID : SWETF200986194

CHIENT BATIENT ID:

AGE/SEX : 36 Years Female

DRAWN :

RECEIVED : 23/06/2023 09:38:38 REPORTED : 24/06/2023 18:47:51

Test Report Status <u>Final</u> 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

U. Adurgyjothi

Dr. Uram Aruna Jyothi Consultant Pathologist





Page 23 Of 23

iew Details

View Report



Agilus Diagnostics Ltd. Flat No. 104-106, Animishai Pearl,Collectrorate Junction Visakhapatnam, 530002 Andhra Pradesh, India Tel: 9111591115, Fax: CIN - U74899PB1995PLC045956

