



# CHANDAN DIAGNOSTIC CENTRE

Add: Armelia, 1st Floor, 56 New Road, M.K.P Chowk, Dehradun  
Ph: 9235501532, 01352710192  
CIN : U85110DL2003PLC308206



Patient Name	: Mrs.ARTI RANA-ACP	Registered On	: 25/Dec/2021 10:18:14
Age/Gender	: 26 Y O M O D /F	Collected	: 25/Dec/2021 10:42:01
UHID/MR NO	: IDUN.0000159816	Received	: 25/Dec/2021 11:25:17
Visit ID	: IDUN0386982122	Reported	: 25/Dec/2021 12:26:59
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF HAEMATOLOGY

### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### Blood Group (ABO & Rh typing) \* , Blood

Blood Group	A
Rh ( Anti-D)	POSITIVE

#### COMPLETE BLOOD COUNT (CBC) \* , Blood

Haemoglobin	<b>11.70</b>	g/dl	Male- 13.5-17.5 g/dl Female-12.0-15.5 g/dl
TLC (WBC)	7,140.00	/Cu mm	4000-10000
<b>DLC</b>			
Polymorphs (Neutrophils)	<b>53.10</b>	%	55-70
Lymphocytes	37.30	%	25-40
Monocytes	<b>5.20</b>	%	3-5
Eosinophils	4.00	%	1-6
Basophils	0.40	%	< 1
<b>ESR</b>			
Observed	20.00	Mm for 1st hr.	
Corrected	12.00	Mm for 1st hr.	< 20
PCV (HCT)	<b>35.40</b>	cc %	40-54
<b>Platelet count</b>			
Platelet Count	3.24	LACS/cu mm	1.5-4.0
PDW (Platelet Distribution width)	15.00	fL	9-17
P-LCR (Platelet Large Cell Ratio)	41.20	%	35-60
PCT (Platelet Hematocrit)	<b>0.34</b>	%	0.108-0.282
MPV (Mean Platelet Volume)	10.60	fL	6.5-12.0
<b>RBC Count</b>			
RBC Count	4.54	Mill./cu mm	3.7-5.0
<b>Blood Indices (MCV, MCH, MCHC)</b>			
MCV	<b>77.90</b>	fl	80-100
MCH	<b>25.70</b>	pg	28-35
MCHC	32.90	%	30-38
RDW	12.00	%	11-16
RDW-CV	39.10	fL	35-60
Neutrophils Count	3,790.00	/cu mm	3000-7000
Eosinophils Count (AEC)	290.00	/cu mm	40-440



DR. RITU KALIA  
MD (PATHOLOGY)





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Visit ID	: IDUN0386982122	Reported	: 25/Dec/2021 13:52:18
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### GLUCOSE FASTING , Plasma

Glucose Fasting	88.17	mg/dl	< 100 Normal 100-125 Pre-diabetes ≥ 126 Diabetes	GOD POD
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#### Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.

#### Glucose PP

Sample: Plasma After Meal

Glucose PP	104.72	mg/dl	<140 Normal 140-199 Pre-diabetes >200 Diabetes	GOD POD
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#### Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.

#### GLYCOSYLATED HAEMOGLOBIN (HBA1C) \* , EDTA BLOOD

Glycosylated Haemoglobin (HbA1c)	4.41	% NGSP		HPLC (NGSP)
Glycosylated Haemoglobin (Hb-A1c)	25.00	mmol/mol/IFCC		
Estimated Average Glucose (eAG)	80	mg/dl		

#### Interpretation:

#### NOTE:-

- eAG is directly related to A1c.
- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes management.





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### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy and the age of the patient should also be considered in assessing the degree of blood glucose control.

Haemoglobin A1C (%) NGSP	mmol/mol / IFCC Unit	eAG (mg/dl)	Degree of Glucose Control Unit
> 8	>63.9	>183	Action Suggested*
7-8	53.0 -63.9	154-183	Fair Control
< 7	<63.9	<154	Goal**
6-7	42.1 -63.9	126-154	Near-normal glycemia
< 6%	<42.1	<126	Non-diabetic level

\*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc.

\*\*Some danger of hypoglycemic reaction in Type 1 diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.

N.B. : Test carried out on Automated G8 90 SL TOSOH HPLC Analyser.

### Clinical Implications:

\*Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.

\*With optimal control, the HbA 1c moves toward normal levels.

\*A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated \*Increases in glycosylated hemoglobin occur in the following non-diabetic conditions: a. Iron-deficiency anemia b. Splenectomy

c. Alcohol toxicity d. Lead toxicity

\*Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss

\*Pregnancy d. chronic renal failure. Interfering Factors:

\*Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.





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Test Name	Result	Unit	Bio. Ref. Interval	Method
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<b>BUN (Blood Urea Nitrogen) *</b> Sample:Serum	9.90	mg/dL	7.0-23.0	CALCULATED
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<b>Creatinine</b> Sample:Serum	0.76	mg/dl	0.5-1.2	MODIFIED JAFFES
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<b>e-GFR (Estimated Glomerular Filtration Rate)</b> Sample:Serum	108.00	ml/min/1.73m2	90-120 Normal - 60-89 Near Normal	CALCULATED
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<b>Uric Acid</b> Sample:Serum	3.27	mg/dl	2.5-6.0	URICASE
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#### L.F.T.(WITH GAMMA GT) \* , Serum

SGOT / Aspartate Aminotransferase (AST)	14.13	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	9.73	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	30.15	IU/L	11-50	OPTIMIZED SZAZING
Protein	7.17	gm/dl	6.2-8.0	BIRUET
Albumin	5.40	gm/dl	3.8-5.4	B.C.G.
Globulin	1.77	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	3.05		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	64.16	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	1.70	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.49	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	1.21	mg/dl	< 0.8	JENDRASSIK & GROF

#### LIPID PROFILE (MINI) \* , Serum

Cholesterol (Total)	131.12	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	37.06	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	62	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optimal 130-159 Borderline High 160-189 High > 190 Very High	CALCULATED
	31.74	mg/dl	10-33	CALCULATED
	158.70	mg/dl	< 150 Normal 150-199 Borderline High 200-499 High >500 Very High	GPO-PAP



*Ritu Kalia*  
DR. RITU KALIA  
MD (PATHOLOGY)





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Patient Name	: Mrs.ARTI RANA-ACP	Registered On	: 25/Dec/2021 10:18:15
Age/Gender	: 26 Y O M O D /F	Collected	: 25/Dec/2021 13:32:38
UHID/MR NO	: IDUN.0000159816	Received	: 25/Dec/2021 13:44:25
Visit ID	: IDUN0386982122	Reported	: 25/Dec/2021 14:08:43
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF CLINICAL PATHOLOGY

### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### URINE EXAMINATION, ROUTINE \* , Urine

Color	LIGHT YELLOW			
Specific Gravity	1.010			
Reaction PH	Acidic ( 6.0)			DIPSTICK
Protein	ABSENT	mg %	< 10 Absent 10-40 (+) 40-200 (++) 200-500 (+++) > 500 (++++)	DIPSTICK
Sugar	ABSENT	gms%	< 0.5 (+) 0.5-1.0 (++) 1-2 (+++) > 2 (++++)	DIPSTICK
Ketone	ABSENT	mg/dl	0.2-2.81	BIOCHEMISTRY
Bile Salts	ABSENT			
Bile Pigments	ABSENT			
Urobilinogen(1:20 dilution)	ABSENT			
<b>Microscopic Examination:</b>				
Epithelial cells	2-5/h.p.f			MICROSCOPIC EXAMINATION
Pus cells	ABSENT			MICROSCOPIC EXAMINATION
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC EXAMINATION
Others	ABSENT			

#### SUGAR, FASTING STAGE \* , Urine

Sugar, Fasting stage	ABSENT	gms%
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#### Interpretation:

(+) < 0.5  
 (++) 0.5-1.0  
 (+++) 1-2  
 (++++) > 2





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### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### SUGAR, PP STAGE \* , Urine

Sugar, PP Stage	ABSENT
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#### Interpretation:

- (+) < 0.5 gms%
- (++) 0.5-1.0 gms%
- (+++) 1-2 gms%
- (++++) > 2 gms%



Dr. Smriti Gupta (Md pathologist)





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Visit ID	: IDUN0386982122	Reported	: 25/Dec/2021 17:28:49
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF IMMUNOLOGY

### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### THYROID PROFILE - TOTAL \* , Serum

T3, Total (tri-iodothyronine)	93.39	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	6.97	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	2.72	μIU/mL	0.27 - 5.5	CLIA

#### Interpretation:

0.3-4.5	μIU/mL	First Trimester
0.5-4.6	μIU/mL	Second Trimester
0.8-5.2	μIU/mL	Third Trimester
0.5-8.9	μIU/mL	Adults 55-87 Years
0.7-27	μIU/mL	Premature 28-36 Week
2.3-13.2	μIU/mL	Cord Blood > 37Week
0.7-64	μIU/mL	Child(21 wk - 20 Yrs.)
1-39	μIU/mL	Child 0-4 Days
1.7-9.1	μIU/mL	Child 2-20 Week

- 1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.
- 2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.
- 3) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- 4) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- 5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.
- 6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
- 7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.
- 8) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.



*Smriti*

Dr. Smriti Gupta (Md pathologist)





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Patient Name	: Mrs.ARTI RANA-ACP	Registered On	: 25/Dec/2021 10:18:16
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Visit ID	: IDUN0386982122	Reported	: 25/Dec/2021 15:05:21
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## DEPARTMENT OF X-RAY

### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

#### X-RAY DIGITAL CHEST PA \*

(500 mA COMPUTERISED UNIT SPOT FILM DEVICE)

#### DIGITAL CHEST P-A VIEW

- Calcified nodular opacities are seen in left upper and lower zone.
- Costo-phrenic angles are bilaterally clear.
- Diaphragmatic shadows are normal on both sides.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Bony cage is normal.

#### IMPRESSION :

*Calcified nodular opacities in left upper and lower zone.*



Dr. Amit Bhandari MBBS MD RADIOLOGY







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Visit ID	: IDUN0386982122	Reported	: 25/Dec/2021 10:31:51
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF ULTRASOUND

### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

#### ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) \*

**Liver** is normal in size and echotexture. **Small calcified foci largest measuring approx 3.5 mm are seen in segment VI of right lobe of liver.**

PV and CBD are normal. IHBR are not dilated.

**Gall bladder** seen in distended state with echofree lumen. Wall thickness is normal.

**Spleen** is normal in size, shape and echotexture.

**Pancreas:** Head and body appear normal. Tail is obscured by bowel gases.

**Kidneys:** Both kidneys are normal in size, shape and echotexture. Cortico-medullary differentiation is maintained. Parenchymal thickness is normal. No mass/calculus/hydronephrosis seen.

**Urinary bladder** seen in distended state with echofree lumen. Wall thickness is normal.

**Uterus:** - is normal in size, shape and echotexture. No focal lesion seen. Endometrial echo complex is normal.

**Adnexa:** - Both adnexa are normal.

No significant free fluid seen in peritoneal cavity.

#### IMP: -

**Small calcified foci in right lobe of liver.**

**Rest no significant abnormality detected.**

*Note: In case of any discrepancy due to typing error kindly get it rectified immediately.*

\*\*\* End Of Report \*\*\*

(\*) Test not done under NABL accredited Scope

Result/s to Follow:

ULTRASOUND WHOLE ABDOMEN EXAMINATION, ECG / EKG



Dr. Amit Bhandari MBBS MD RADIOLOGY

This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days.

Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Condition Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing \*  
365 Days Open \*Facilities Available at Select Location

