

Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj Ph: 9235447965,0532-2548257 CIN : U85110DL2003PLC308206



Patient Name	: Mr.RANJEET KUMAR RANA	Registered On	: 26/Aug/2023 08:12:27
Age/Gender	: 38 Y 7 M 23 D /M	Collected	: N/A
UHID/MR NO	: ALDP.0000124393	Received	: N/A
Visit ID	: ALDP0154702324	Reported	: 26/Aug/2023 12:18:55
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

DEPARTMENT OF CARDIOLOGY-ECG MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

ECG / EKG *

1. N	Aachnism, Rhythm	Sinus, Regular	
2. A	Atrial Rate	78	/mt
3. V	ventricular Rate	78	/mt
4. F	P - Wave	Normal	
5. F	R Interval	Normal	
6. () R S Axis : R/S Ratio : Configuration :	Normal Normal Normal	
7. () T c Interval	Normal	
8. S	- T Segment	Normal	
9. T <u>FINAL IMPRESSIO</u>	I – Wave <u>N</u>	Normal	n in V1. Disease commutate

ECG Within Normal Limits: Sinus Rhythm. rsr' Pattern in V1. Please correlate clinically.









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UHID/MR NO	: ALDP.0000124393	Received	: 26/Aug/2023 09:16:02
Visit ID	: ALDP0154702324	Reported	: 26/Aug/2023 14:59:13
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS Unit **Test Name** Result Bio. Ref. Interval Method Blood Group (ABO & Rh typing) * , Blood **Blood Group** А ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA Rh (Anti-D) POSITIVE **ERYTHROCYTE** MAGNETIZED **TECHNOLOGY / TUBE** AGGLUTINA Complete Blood Count (CBC) * , Whole Blood

Haemoglobin	15.30	g/dl	1 Day- 14.5-22.5 g/dl 1 Wk- 13.5-19.5 g/dl 1 Mo- 10.0-18.0 g/dl 3-6 Mo- 9.5-13.5 g/dl 0.5-2 Yr- 10.5-13.5 g/dl 2-6 Yr- 11.5-15.5 g/dl 6-12 Yr- 11.5-15.5 g/dl 12-18 Yr 13.0-16.0 g/dl Male- 13.5-17.5 g/dl Female- 12.0-15.5 g/d	
TLC (WBC)	5,200.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
DLC				
Polymorphs (Neutrophils)	58.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	32.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	5.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	5.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	<1	ELECTRONIC IMPEDANCE
ESR				
Observed	5.00	Mm for 1st hr.		
Corrected	-	Mm for 1st hr.	< 9	
PCV (HCT)	45.00	%	40-54	
Platelet count				
Platelet Count	1.3	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.50	fL	9-17	ELECTRONIC IMPEDANCE





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DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
P-LCR (Platelet Large Cell Ratio)	62.30	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.19	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	15.40	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count				
RBC Count	4.55	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)		,		
MCV	98.90	fl	80-100	CALCULATED PARAMETER
MCH	33.70	pg	28-35	CALCULATED PARAMETER
МСНС	34.10	%	30-38	CALCULATED PARAMETER
RDW-CV	13.70	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	52.00	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	3,016.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	260.00	/cu mm	40-440	

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Dr.Akanksha Singh (MD Pathology)





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UHID/MR NO	: ALDP.0000124393	Received	: 26/Aug/2023 09:16:02
Visit ID	: ALDP0154702324	Reported	: 26/Aug/2023 11:49:17
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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Uni	t Bio. Ref. Interv	al Method
GLUCOSE FASTING * , Plasma				
Glucose Fasting	100.20		< 100 Normal 100-125 Pre-diabetes ≥ 126 Diabetes	GOD POD
Interpretation: a) Kindly correlate clinically with intake of b) A negative test result only shows that the will never get diabetics in future, which is v	e person does not have dia	abetes at the tin	ne of testing. It does no	

c) I.G.T = Impared Glucose Tolerance.

Glucose PP * Sample:Plasma After Meal	115.00	mg/dl	<140 Normal 140-199 Pre-diabetes	GOD POD
			>200 Diabetes	

Interpretation:

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.b) 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.c) I.G.T = Impared Glucose Tolerance.

Glycosylated Haemoglobin (HbA1c)	5.30	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	34.00	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	104	mg/dl	

Interpretation:

<u>NOTE</u>:-

- 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 mnagement.





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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method

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 VARIANT II TURBO HPLC Analyser.

<u>Clinical Implications:</u>

*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.

BUN (Blood Urea Nitrogen) * Sample:Serum	7.66	mg/dL	7.0-23.0	CALCULATED
Creatinine * Sample:Serum	1.00	mg/dl	Serum 0.7-1.3 Spot Urine-Male- 20- 275 Female-20-320	MODIFIED JAFFES
Uric Acid * Sample:Serum	7.11	mg/dl	3.4-7.0	URICASE



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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	U	nit Bio. Ref. Interv	val Method
LFT (WITH GAMMA GT) * , Serum				
SGOT / Aspartate Aminotransferase (AST)	44.40	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	75.40	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	32.90	IU/L	11-50	OPTIMIZED SZAZING
Protein	7.00	gm/dl	6.2-8.0	BIURET
Albumin	4.50	gm/dl	3.4-5.4	B.C.G.
Globulin	2.50	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.80		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	68.10	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	2.90	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	1.10	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	1.80	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE (MINI) * , Serum				
Cholesterol (Total)	185.00	mg/dl	<200 Desirable 200-239 Borderline Hig > 240 High	CHOD-PAP ph
HDL Cholesterol (Good Cholesterol)	61.90	mg/dl	30-70 .	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	103	mg/dl	< 100 Optimal 100-129 Nr.	CALCULATED
			Optimal/Above Optima 130-159 Borderline Hig 160-189 High > 190 Very High	
VLDL	20.20	mg/dl	10-33	CALCULATED
Triglycerides	101.00	mg/dl	< 150 Normal 150-199 Borderline Hig 200-499 High >500 Very High	GPO-PAP Jh
Degult Dechecked				

Result Rechecked

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Dr.Akanksha Singh (MD Pathology)





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Patient Name	: Mr.RANJEET KUMAR RANA	Registered On	: 26/Aug/2023 08:12:24
Age/Gender	: 38 Y 7 M 23 D /M	Collected	: 26/Aug/2023 15:54:41
UHID/MR NO	: ALDP.0000124393	Received	: 26/Aug/2023 16:07:28
Visit ID	: ALDP0154702324	Reported	: 26/Aug/2023 17:15:23
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
URINE EXAMINATION, ROUTINE *	, Urine			
Color	PALE YELLOW			
Specific Gravity	1.015			
Reaction PH	Acidic (5.0)			DIPSTICK
Protein	ABSENT	mg %	< 10 Absent	DIPSTICK
		,	10-40 (+)	
			40-200 (++)	
			200-500 (+++)	
	1 DOFNE		> 500 (++++)	DIDOTION
Sugar	ABSENT	gms%	< 0.5 (+)	DIPSTICK
			0.5-1.0 (++) 1-2 (+++)	
			>2 (+++)	
Ketone	ABSENT	mg/dl	0.2-2.81	BIOCHEMISTRY
Bile Salts	ABSENT	ing/ a	0.2 2.01	Dioonemiona
Bile Pigments	ABSENT			
Urobilinogen(1:20 dilution)	ABSENT			
Microscopic Examination:	, DOLITI		1	
Epithelial cells	0-2/h.p.f			MICROSCOPIC
Epithelial cells	0-2/11.p.1			EXAMINATION
Pus cells	0-2/h.p.f			
RBCs	ABSENT			MICROSCOPIC
	, BOENN			EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC
5				EXAMINATION
Others	ABSENT			
Urine Microscopy is done on centrifuge	ed urine sediment.			

SUGAR, FASTING STAGE * , Urine

Sugar, Fasting stage	ABSENT	gms%		
Interpretation:				
(+) < 0.5				

 $\begin{array}{ll} (+) & < 0.5 \\ (++) & 0.5 \\ (+++) & 1 \\ \end{array}$

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DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
(++++) > 2				
SUGAR, PP STAGE * , Urine				
Sugar, PP Stage	ABSENT			
Interpretation: (+) < 0.5 gms% (++) 0.5-1.0 gms% (+++) 1-2 gms% (++++) > 2 gms%				

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Dr.Akanksha Singh (MD Pathology)

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Visit ID	: ALDP0154702324	Reported	: 26/Aug/2023 15:08:58
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	
THYROID PROFILE - TOTAL * , Serum					
T3, Total (tri-iodothyronine)	128.00	ng/dl	84.61-201.7	CLIA	
T4, Total (Thyroxine)	5.90	ug/dl	3.2-12.6	CLIA	
TSH (Thyroid Stimulating Hormone)	6.10	µlU/mL	0.27 - 5.5	CLIA	
		2			
Interpretation:					

0.3-4.5	µIU/mL	First Trimest	ter
0.5-4.6	µIU/mL	Second Trim	ester
0.8-5.2	µIU/mL	Third Trimes	ster
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.

Dr.Akanksha Singh (MD Pathology)







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DEPARTMENT OF X-RAY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

X-RAY DIGITAL CHEST PA *

<u>X-RAY REPORT</u> (300 mA COMPUTERISED UNIT SPOT FILM DEVICE) <u>CHEST P-A VIEW</u>

- Both lung field did not reveal any significant lesion.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Soft tissue shadow appears normal.
- Bony cage is normal.

Please correlare clinically.

Nidhikant.

Dr Nidhikant (MBBS, DMRD, DNB)

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DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) *

LIVER: - Normal in size (12.3 cm), shape and **shows diffuse increase in the liver parenchymal echogenicity suggestive of grade I fatty changes**. No focal lesion is seen. No intra hepatic biliary radicle dilation seen.

GALL BLADDER :- Well distended, walls are normal. No e/o calculus / focal mass lesion/ pericholecystic fluid.

CBD :- Normal in calibre at porta.

PORTAL VEIN: - Normal in calibre and colour uptake at porta.

PANCREAS: - Head is visualised, normal in size & echopattern. No e/o ductal dilatation or calcification. Rest of pancreas is obscured by bowel gas.

SPLEEN: - Normal in size, shape and echogenicity.

RIGHT KIDNEY: - Normal in size, shape and echogenicity. No focal lesion or calculus seen. Pelvicalyceal system is not dilated.

LEFT KIDNEY: - Normal in size, shape and echogenicity. No focal lesion or calculus seen. Pelvicalyceal system is not dilated.

URINARY BLADDER :- Normal in shape, outline and distension. No e/o wall thickening / calculus.

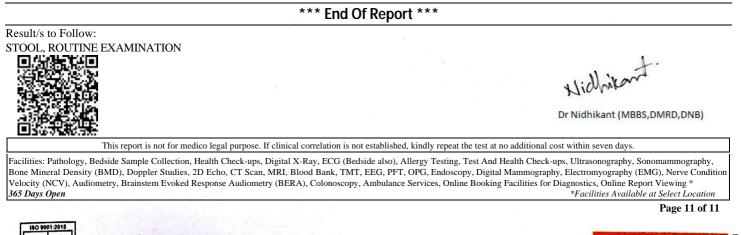
PROSTATE :- Normal in size, shape and echo pattern.

Visualized bowel loops are normal in caliber. No para-aortic lymphadenopathy

No free fluid is seen in the abdomen/pelvis.

IMPRESSION : Grade I fatty liver.

Please correlate clinically



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