

**CHANDAN DIAGNOSTIC CENTRE** Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj Ph: 9235447965,0532-3559261

CIN : U85110DL2003PLC308206



Patient Name	: Mr.RAM KRISHNA JAISWAL	Registered On	: 15/Apr/2024 09:21:44
Age/Gender	: 31 Y 9 M 10 D /M	Collected	: 15/Apr/2024 09:40:01
UHID/MR NO	: ALDP.0000073891	Received	: 15/Apr/2024 10:57:23
Visit ID	: ALDP0017682425	Reported	: 15/Apr/2024 12:17:15
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

# DEPARTMENT OF HAEMATOLOGY

Ν	/IEDIWHEEL BANK OF BA	ARODA MALE	ABOVE 40 YRS	
Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing)	* , Blood			
Blood Group	В			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Rh ( Anti-D)	POSITIVE			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Complete Blood Count (CBC) * ,	Whole Blood			
Haemoglobin	14.00	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/dl	
TLC (WBC) DLC	7,000.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
Polymorphs (Neutrophils )	60.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	31.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	6.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	3.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	<1	ELECTRONIC IMPEDANCE
ESR				
Observed	4.00	Mm for 1st hr.		
Corrected	, 4. <del>.</del>	Mm for 1st hr.	< 9	
PCV (HCT)	40.00	%	40-54	
Platelet count				
Platelet Count	1.68	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.20	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	-	%	35-60	ELECTRONIC IMPEDANCE









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Test Name	Result	Unit	Bio. Ref. Interval	Method
PCT (Platelet Hematocrit)	0.21	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	12.40	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count				
RBC Count	4.74	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				
MCV	85.20	fl	80-100	CALCULATED PARAMETER
MCH	29.50	pg	28-35	CALCULATED PARAMETER
МСНС	34.60	%	30-38	CALCULATED PARAMETER
RDW-CV	14.60	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	47.10	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	4,200.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	210.00	/cu mm	40-440	

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Dr.Akanksha Singh (MD Pathology)

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Since 1991

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Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interv	al Method
GLUCOSE FASTING * , Plasma Glucose Fasting	79.00	1	100 Normal 00-125 Pre-diabetes 126 Diabetes	GOD POD
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.

Glucose PP * Sample:Plasma After Meal		95.00	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 (HBA10	<b>C) *</b> , EDTA BLOOD		
Glycosylated Haemoglobin (HbA1c)	3.50	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	14.90	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	54	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 ABOVE 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)	<b>Degree of Glucose Control Unit</b>
> 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	9.11	mg/dL	7.0-23.0	CALCULATED
<b>Creatinine *</b> Sample:Serum	0.90	mg/dl	0.6-1.30	MODIFIED JAFFES
Uric Acid * Sample:Serum	6.61	mg/dl	3.4-7.0	URICASE

### LFT (WITH GAMMA GT) \* , Serum

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# DEPARTMENT OF BIOCHEMISTRY MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	L	Init Bio. R	Ref. Interval Method
	00.00		05	
SGOT / Aspartate Aminotransferase (AST)	29.20	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	36.30	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	12.70	IU/L	11-50	OPTIMIZED SZAZING
Protein	6.90	gm/dl	6.2-8.0	BIURET
Albumin	4.20	gm/dl	3.4-5.4	B.C.G.
Globulin	2.70	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.56	,	1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	112.70	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	0.60	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.20	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.40	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE ( MINI ) * , Serum				
Cholesterol (Total)	168.00	mg/dl	<200 Desirabl 200-239 Bord > 240 High	
HDL Cholesterol (Good Cholesterol)	48.20	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	90	mg/dl	< 100 Optima 100-129 Nr. Optimal/Abo 130-159 Bord 160-189 High > 190 Very Hi	ove Optimal derline High
VLDL	29.70	mg/dl	10-33	CALCULATED
Triglycerides	148.50	mg/dl	< 150 Normal 150-199 Bord 200-499 High >500 Very Hig	derline High

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Dr.Akanksha Singh (MD Pathology)











Patient Name	: Mr.RAM KRISHNA JAISWAL	Registered On	: 15/Apr/2024 09:21:46
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UHID/MR NO	: ALDP.0000073891	Received	: 15/Apr/2024 11:41:19
Visit ID	: ALDP0017682425	Reported	: 15/Apr/2024 12:15:28
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# DEPARTMENT OF CLINICAL PATHOLOGY

## MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
JRINE EXAMINATION, ROUTINE *	, Urine			
Color	PALE YELLOW			
Specific Gravity	1.005			
Reaction PH	Acidic ( 6.0 )			DIPSTICK
Appearance	CLEAR			
Protein	ABSENT	<sup>′</sup> mg %	< 10 Absent	DIPSTICK
			10-40 (+)	
			40-200 (++)	
			200-500 (+++)	
Current and a second	ADCENT	aura a 0/	> 500 (++++)	DIDCTICK
Sugar	ABSENT	gms%	< 0.5 (+) 0.5-1.0 (++)	DIPSTICK
			0.5-1.0 (++) 1-2 (+++)	
		and the	>2 (++++)	
Ketone	ABSENT	mg/dl	0.1-3.0	BIOCHEMISTRY
Bile Salts	ABSENT	, ing, an	March And	
Bile Pigments	ABSENT			
Bilirubin	ABSENT		and a start of the	DIPSTICK
Leucocyte Esterase	ABSENT			DIPSTICK
Urobilinogen(1:20 dilution)	ABSENT			
Nitrite	ABSENT			DIPSTICK
Blood	ABSENT			DIPSTICK
Microscopic Examination:				
Epithelial cells	0-2/h.p.f			MICROSCOPIC
	o _/p.			EXAMINATION
Pus cells	0-2/h.p.f			
RBCs	ABSENT			MICROSCOPIC
				EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC
				EXAMINATION
Others	ABSENT			

Urine Microscopy is done on centrifuged urine sediment.

# STOOL, ROUTINE EXAMINATION \* , Stool

Color

YELLOWISH

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# DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Consistency	SEMI SOLID			
Reaction (PH)	Acidic ( 6.5 )			
Mucus	ABSENT			
Blood	ABSENT			
Worm	ABSENT			
Pus cells	ABSENT			
RBCs	ABSENT			
Ova	ABSENT			
Cysts	ABSENT			
Others	ABSENT			
SUGAR, FASTING STAGE * , Urine				
Sugar, Fasting stage	ABSENT	gms%		
		13:0		
Interpretation:				
(+) < 0.5				
(++) 0.5-1.0			5 5 1.7	

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Visit ID	: ALDP0017682425	Reported	: 16/Apr/2024 12:26:59
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF IMMUNOLOGY

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method	
<b>PSA (Prostate Specific Antigen), Total **</b> Sample:Serum	0.33	ng/mL	<4.1	CLIA	

#### Interpretation:

- 1. PSA is detected in the serum of males with normal, benign hypertrophic, and malignant prostate tissue.
- 2. Measurement of serum PSA levels is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels also are observed in patients with benign prostatic hypertrophy. However, studies suggest that the measurement of PSA in conjunction with digital rectal examination (DRE) and ultrasound provide a better method of detecting prostate cancer than DRE alone<sup>-</sup>
- 3. PSA levels increase in men with cancer of the prostate, and after radical prostatectomy PSA levels routinely fall to the undetectable range.
- 4. If prostatic tissue remains after surgery or metastasis has occurred, PSA appears to be useful in detecting residual and early recurrence of tumor.
- 5. Therefore, serial PSA levels can help determine the success of prostatectomy, and the need for further treatment, such as radiation, endocrine or chemotherapy, and in the monitoring of the effectiveness of therapy.

### Dr. Anupam Singh (MBBS MD Pathology)

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## DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method	
THYROID PROFILE - TOTAL * , Serum					
T3, Total (tri-iodothyronine)	117.00	ng/dl	84.61–201.7	CLIA	
T4, Total (Thyroxine)	6.60	ug/dl	3.2-12.6	CLIA	
TSH (Thyroid Stimulating Hormone)	4.800	µIU/mL	0.27 - 5.5	CLIA	
Interpretation:					
		0.3-4.5 μIU/ 0.5-4.6 μIU/		er	

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.

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# DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

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

**LIVER**: - Normal in size (14.6 cm), shape and **shows diffusely raised echotexture**. No focal lesion is seen. No intra hepatic biliary radicle dilation is seen.

**GALL BLADDER** :- Well distended. Normal wall thickness is seen. No evidence of calculus/focal mass lesion/pericholecystic fluid is seen.

**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 evidence of ductal dilatation or calcification is seen. Rest of the pancreas is obscured by bowel gases.

SPLEEN: - Normal in size (10.9 cm), shape and echogenicity. No evidence of mass lesion is seen.

**BOTH KIDNEY**: -Both kidneys are rotated with poor visualization with of the inferior poles and presence of renal tissue anterior to the aorta. Left kidney is inferiorly located. Otherwise both kidneys appear normal in size. Corticalechogenicity is normal with maintained corticomedullary differentiation. No focal lesion or calculus is seen. Pelvicalyceal system is not dilated.

URINARY BLADDER :- Is adequately distended. No evidence of wall thickening/calculus is seen.

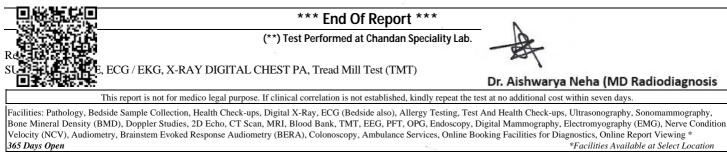
**PROSTATE :-** Normal in size (3.3 x 3.0 x 3.8 cm vol - 20.5 cc), shape and echo pattern.

**HIGH RESOLUTION** :- No evidence of bowel loop dilatation or abnormal wall thickening is seen. No significant retroperitoneal lymphadenopathy is seen. No free fluid is seen in the abdomen/pelvis.

## **IMPRESSION :**

- Grade I fatty liver.
- Horseshoe kidneys.

## Please correlate clinically



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