

Add: M-214/215,Sec G Lda Colony Near Power House Chauraha Kanpur Road Ph: 9235432707,

CIN: U85110DL2003PLC308206



Patient Name : Mr.KUMAR RAJESH Registered On : 03/Mar/2024 09:51:36 Age/Gender Collected : 03/Mar/2024 10:02:29 : 46 Y 4 M 18 D /M UHID/MR NO : CDCA.0000124543 Received : 03/Mar/2024 10:23:56 Visit ID : CDCA0374412324 Reported : 03/Mar/2024 18:06:57

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

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

Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing) *, Blood	d			
Blood Group	В			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Rh ( Anti-D)	POSITIVE	- Control of the Cont		ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Complete Blood Count (CBC) * , Whole B.	lood			
Haemoglobin	13.30	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	
TLC (WBC) DLC	5,900.00	/Cu mm	Female- 12.0-15.5 g/dl 4000-10000	ELECTRONIC IMPEDANCE
Polymorphs (Neutrophils )	47.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	39.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	5.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	9.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	<1	ELECTRONIC IMPEDANCE
ESR				
Observed	12.00	Mm for 1st hr.		
Corrected	6.00	Mm for 1st hr.	< 9	
PCV (HCT)	40.00	%	40-54	
Platelet count				
Platelet Count	3.0	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.10	, fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	34.20	%	35-60	ELECTRONIC IMPEDANCE









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Test Name	Result	Unit	Bio. Ref. Interval	Method
PCT (Platelet Hematocrit)	0.33	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	11.00	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count				
RBC Count	4.60	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				
MCV	86.95	fl	80-100	CALCULATED PARAMETER
MCH	28.91	pg	28-35	CALCULATED PARAMETER
MCHC	33.25	%	30-38	CALCULATED PARAMETER
RDW-CV	11.60	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	38.30	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	2,773.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	531.00	/cu mm	40-440	

Dr. R.K. Khanna (MBBS,DCP)









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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. Interval	Method	
GLUCOSE FASTING * , Plasma					
Glucose Fasting	102.90	mg/dl	< 100 Normal 100-125 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.

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### DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit Bio	o. Ref. Interval	Method	
GLYCOSYLATED HAEMOGLOBIN (HBA1C)	** , EDTA BLOOD				
Glycosylated Haemoglobin (HbA1c)	6.30	% NGSP		HPLC (NGSP)	
Glycosylated Haemoglobin (HbA1c)	45.00	mmol/mol/IFCC			
Estimated Average Glucose (eAG)	134	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 mnagement.

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

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

N.B.: Test carried out on Automated VARIANT II TURBO 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







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



Ref Doctor

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## DEPARTMENT OF BIOCHEMISTRY

## MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name Result Unit Bio. Ref. Interval Method

c. Alcohol toxicity d. Lead toxicity



Dr. Anupam Singh (MBBS MD Pathology)







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

<sup>\*</sup>Pregnancy d. chronic renal failure. Interfering Factors:

<sup>\*</sup>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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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. Interval	Method
BUN (Blood Urea Nitrogen) * Sample:Serum	14.30	mg/dL	7.0-23.0	CALCULATED
Creatinine * Sample:Serum	1.20	mg/dl	0.6-1.30	MODIFIED JAFFES
Uric Acid * Sample:Serum	5.00	mg/dl	3.4-7.0	URICASE
LFT (WITH GAMMA GT) * , Serum				
SGOT / Aspartate Aminotransferase (AST)	40.33	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	43.77	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	39.30	IU/L	11-50	OPTIMIZED SZAZING
Protein	7.14	gm/dl	6.2-8.0	BIURET
Albumin	4.23	gm/dl	3.4-5.4	B.C.G.
Globulin	2.91	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.45		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	116.82	U/L	42.0-165.0.	IFCC METHOD
Bilirubin (Total)	0.54	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.22	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.32	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE (MINI) *, Serum				
Cholesterol (Total)	219.60	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	32.00	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	163	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optima 130-159 Borderline High 160-189 High > 190 Very High	
VLDL	24.64	mg/dl	7 190 very riigit 10-33	CALC: " ATT
Triglycerides	123.20	mg/dl	< 150 Normal 150-199 Borderline High 200-499 High >500 Very High	GPO- WZ

Page 6 of 11







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

# DEPARTMENT OF CLINICAL PATHOLOGY MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
URINE EXAMINATION, ROUTINE * , Urin	пе			
Color	PALE YELLOW			
Specific Gravity	1.015			
Reaction PH	Acidic (6.0)			DIPSTICK
Appearance	CLEAR			
Protein	ABSENT	′ mg %	< 10 Absent	DIPSTICK
			10-40 (+)	
			40-200 (++)	
			200-500 (+++)	
	ADOSAIT	0.4	> 500 (++++)	DIDOTION
Sugar	ABSENT	gms%	< 0.5 (+)	DIPSTICK
			0.5-1.0 (++) 1-2 (+++)	
			>2 (++++)	
Ketone	ABSENT	mg/dl	0.1-3.0	BIOCHEMISTRY
Bile Salts	ABSENT	19	Andread And	2,001,211101111
Bile Pigments	ABSENT			
Bilirubin	ABSENT			DIPSTICK
Leucocyte Esterase	ABSENT			DIPSTICK
Urobilinogen(1:20 dilution)	ABSENT			
Nitrite	ABSENT			DIPSTICK
Blood	ABSENT			DIPSTICK
Microscopic Examination:				
Epithelial cells	ABSENT			MICROSCOPIC
•				EXAMINATION
Pus cells	ABSENT			
RBCs	ABSENT			MICROSCOPIC
				EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC
	, the			EXAMINATION
Others	ABSENT			
SUGAR, FASTING STAGE * , Urine				
Sugar, Fasting stage	ABSENT	gms%		

Interpretation:







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Visit ID : CDCA037 Ref Doctor : Dr.Mediwl

: Dr.Mediwheel - Arcofemi Health Care Ltd. Status

Reported

: 03/Mar/2024 15:19:57

: Final Report

# DEPARTMENT OF CLINICAL PATHOLOGY MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Result Unit Bio. Ref. Interval Method

(+) < 0.5 (++) 0.5-1.0

(++) 0.5 (+++) 1-2

**Test Name** 

UHID/MR NO

(++++) > 2



Dr. R.K. Khanna (MBBS,DCP)

Page 8 of 11







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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	
PSA (Prostate Specific Antigen), Total ** Sample:Serum	0.50	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.
- 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.

# THYROID PROFILE - TOTAL \*\*, Serum

T3, Total (tri-iodothyronine)	115.62	ng/dl	84.61-201.7	CLIA
T4, Total (Thyroxine)	8.60	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	2.570	μIU/mL	0.27 - 5.5	CLIA

## **Interpretation:**

0.3-4.5	μIU/mL	First Trimest	er		
0.5-4.6	μIU/mL	Second Trimester			
0.8 - 5.2	$\mu IU/mL$	Third Trimester			
0.5 - 8.9	$\mu IU/mL$	Adults	55-87 Years		
0.7 - 27	μIU/mL	Premature	28-36 Week		
2.3-13.2	$\mu IU/mL$	Cord Blood	> 37Week		
0.7-64	μIU/mL	Child(21 wk	- 20 Yrs.)		
1-39	$\mu IU/mL$	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.







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## DEPARTMENT OF IMMUNOLOGY

## MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name Result Unit Bio. Ref. Interval Method

- 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.

Bring

Dr. Anupam Singh (MBBS MD Pathology)

Page 10 of 11







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# DEPARTMENT OF X-RAY MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

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

### (300 mA COMPUTERISED UNIT SPOT FILM DEVICE)

# **CHEST P-A VIEW**

- Soft tissue shadow appears normal.
- Bony cage is normal.
- Diaphragmatic shadows are normal on both sides.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Pulmonary vascularity & distribution are normal.
- Pulmonary parenchyma did not reveal any significant lesion.

### **IMPRESSION**

NO SIGNIFICANT RADIOLOGICAL ABNORMALITY SEEN ON PRESENT STUDY.

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

(\*\*) Test Performed at Chandan Speciality Lab.

Result/s to Follow:

STOOL, ROUTINE EXAMINATION, GLUCOSE PP, SUGAR, PP STAGE, ECG / EKG, ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER), Tread Mill Test (TMT)





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 \*

\*Facilities Available at Select Location





