



Add: B 1/2, Sector J, Near Sangam Chauraha, LDA Stadium Road, ALIGANJ Ph: 9235432681 CIN: U85110UP2003PLC193493

Patient Name	: Mr.ABHISHEK SINGH	Registered On	: 10/Nov/2024 09:22:17
Age/Gender	: 36 Y O M O D /M	Collected	: 10/Nov/2024 09:36:51
UHID/MR NO	: CALI.0000051597	Received	: 10/Nov/2024 11:34:55
Visit ID	: CALI0170142425	Reported	: 10/Nov/2024 14:31:23
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

### DEPARTMENT OF HAEMATOLOGY

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

1011				
Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing) *	* , Blood			
Blood Group	AB			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Rh ( Anti-D)	POSITIVE			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Complete Blood Count (CBC) ** ,	Whole Blood			
Haemoglobin	12.80	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	COLORIMETRIC METHOD (CYANIDE-FREE REAGENT)
TLC (WBC)	6,400.00	/Cu mm	4000-10000	IMPEDANCE METHOD
DLC				
Polymorphs (Neutrophils )	40.00	%	40-80	FLOW CYTOMETRY
Lymphocytes	46.00	%	20-40	FLOW CYTOMETRY
Monocytes	4.00	%	2-10	FLOW CYTOMETRY
Eosinophils	10.00	%	1-6	FLOW CYTOMETRY
Basophils <b>ESR</b>	0.00	%	< 1-2	FLOW CYTOMETRY
Observed	16.00	MM/1H	10-19 Yr 8.0 20-29 Yr 10.8 30-39 Yr 10.4 40-49 Yr 13.6 50-59 Yr 14.2 60-69 Yr 16.0 70-79 Yr 16.5	



80-91 Yr 15.8







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Test Name	Result	Unit	Bio. Ref. Interval	Method
			Pregnancy Early gestation - 48 (62 if anaemic) Leter gestation - 70 (95 if anaemic)	
Corrected	12.00	Mm for 1st hr.	< 9	
PCV (HCT)	40.00	%	40-54	
Platelet count				
Platelet Count	1.50	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.50	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	59.90	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.16	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	14.60	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count				
RBC Count	4.44	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				
MCV	90.70	fl	80-100	CALCULATED PARAMETER
MCH	28.90	pg	27-32	CALCULATED PARAMETER
MCHC	31.80	%	30-38	CALCULATED PARAMETER
RDW-CV	15.50	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	50.70	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	2,560.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	640.00	/cu mm	40-440	











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### DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Interva	al Method
<b>GLUCOSE FASTING **</b> , <i>Plasma</i> Glucose Fasting	109.50	100-1	Normal 25 Pre-diabetes 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 = Impaired Glucose Tolerance.

**CLINICAL SIGNIFICANCE:-** Glucose is the major source of energy in the body. Lack of insulin or resistance to it section at the cellular level causes diabetes. Therefore, the blood glucose levels are very high. Elevated serum glucose levels are observed in diabetes mellitus and may be associated with pancreatitis, pituitary or thyroid dysfunction and liver disease. Hypoglycaemia occurs most frequently due to over dosage of insulin.

Glucose PP **	112.30	mg/dl	<140 Normal	GOD POD
Sample:Plasma After Meal			140-199 Pre-diabetes	
			>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 = Impaired Glucose Tolerance.

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

Glycosylated Haemoglobin (HbA1c)	5.00	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	31.00	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	96	mg/dl	

#### Interpretation:

#### <u>NOTE</u>:-

• eAG is directly related to A1c.



Chandan 24x7 App

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# **CHANDAN DIAGNOSTIC CENTRE**

Add: B 1/2, Sector J, Near Sangam Chauraha, LDA Stadium Road, ALIGANJ Ph: 9235432681 CIN: U85110UP2003PLC193493

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### DEPARTMENT OF BIOCHEMISTRY

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

est Name	Result	Unit	Bio. Ref. Interval	Method

- 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

\*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc. \*\*Some danger of hypoglycemic reaction in Type 1diabetics. 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) **	12.30	mg/dL	7.0-23.0	CALCULATED
Sample:Serum				









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		DEPARTMENT (	OF BIOCHEMIS	TRY	
	MEDIWHE	EL BANK OF BA			
Test Name		Result	Unit	Bio. Ref. Interva	I Method
Interpretation: Note: Elevated BUN	levels can be seen in the	following:			
	dration, Aging, Certain med	_	astrointestimal (Gl	) bleeding.	
Low BUN levels can	be seen in the following:				
Low-protein diet, overh	ydration, Liver disease.				
vootinino **		1 01	mg/dl 0.7-	1.00	
reatinine * * ample:Serum		1.21	ing/ui 0.7-	1.30	MODIFIED JAFFES
<i>ample:Serum</i> Interpretation: The significance of sing mass will have a higher absolute creatinine conc	le creatinine value must be creatinine concentration. The centration. Serum creatinine and may result in anomalo	interpreted in light of the trend of serum creater of serum creater the concentrations ma	of the patients mus reatinine concentra y increase when a	cle mass. A patient w ations over time is mo n ACE inhibitor (AC	ith a greater muscle bre important than E) is taken. The assay
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine cond could be affected mildly	creatinine concentration. The concentration creatinine concentration.	interpreted in light of the trend of serum creater of serum creater the concentrations ma	of the patients mus reatinine concentra y increase when a	cle mass. A patient wa ations over time is mo n ACE inhibitor (AC rophilic antibodies, he	ith a greater muscle bre important than E) is taken. The assay
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine cond could be affected mildly lipemic. Iric Acid ** ample:Serum Interpretation: Note:-	creatinine concentration. The centration. Serum creatinine and may result in anomalo	interpreted in light of the trend of serum cr concentrations ma us values if serum s 5.71	of the patients mus reatinine concentra y increase when a samples have heter	cle mass. A patient wa ations over time is mo n ACE inhibitor (AC rophilic antibodies, he	ith a greater muscle ore important than E) is taken. The assay molyzed, icteric or
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine cond could be affected mildly lipemic. Jric Acid ** ample:Serum Interpretation: Note:- Elevated uric acid lev	creatinine concentration. The concentration creatinine concentration.	interpreted in light of he trend of serum cr concentrations ma us values if serum s 5.71 5.71	of the patients mus reatinine concentra y increase when a samples have heter mg/dl 3.4-	cle mass. A patient wa ations over time is mo n ACE inhibitor (AC rophilic antibodies, he 7.0	ith a greater muscle ore important than E) is taken. The assay molyzed, icteric or
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine cond could be affected mildly lipemic. Iric Acid ** ample:Serum Interpretation: Note:- Elevated uric acid lev Drugs, Diet (high-prote	creatinine concentration. The centration. Serum creatinine and may result in anomalo vels can be seen in the fol in diet, alcohol), Chronic ki	interpreted in light of he trend of serum cr concentrations ma us values if serum s 5.71 5.71	of the patients mus reatinine concentra y increase when a samples have heter mg/dl 3.4-	cle mass. A patient wa ations over time is mo n ACE inhibitor (AC rophilic antibodies, he 7.0	ith a greater muscle ore important than E) is taken. The assay molyzed, icteric or
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine conc could be affected mildly lipemic. Dric Acid ** ample:Serum Interpretation: Note:- Elevated uric acid lev Drugs, Diet (high-prote FT (WITH GAMMA G	creatinine concentration. The centration. Serum creatinine and may result in anomalo rels can be seen in the fol in diet, alcohol), Chronic ki iT) ** , Serum	interpreted in light of the trend of serum cr concentrations ma us values if serum s 5.71 <b>10wing:</b> Idney disease, Hype	of the patients mus reatinine concentra y increase when a samples have heter mg/dl 3.4- ertension, Obesity	cle mass. A patient wa ations over time is mo n ACE inhibitor (AC rophilic antibodies, he 7.0	ith a greater muscle ore important than E) is taken. The assay molyzed, icteric or URICASE
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine cond could be affected mildly lipemic. Iric Acid ** ample:Serum Interpretation: Note:- Elevated uric acid lev Drugs, Diet (high-prote FT (WITH GAMMA G SGOT / Aspartate Amir	creatinine concentration. The centration. Serum creatinine and may result in anomalo rels can be seen in the fol in diet, alcohol), Chronic ki if] ** , <i>Serum</i> notransferase (AST)	interpreted in light of the trend of serum cr concentrations ma us values if serum s 5.71 <b>lowing:</b> idney disease, Hype <b>50.00</b>	of the patients mus reatinine concentra y increase when a samples have heter mg/dl 3.4- ertension, Obesity U/L < 35	cle mass. A patient wa ations over time is mo n ACE inhibitor (AC ophilic antibodies, he 7.0	ith a greater muscle ore important than E) is taken. The assay molyzed, icteric or URICASE
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine conc could be affected mildly lipemic. Iric Acid ** ample:Serum Interpretation: Note:- Elevated uric acid lev Drugs, Diet (high-prote FT (WITH GAMIMA G SGOT / Aspartate Amir SGPT / Alanine Aminot	creatinine concentration. The centration. Serum creatinine and may result in anomalo rels can be seen in the fol in diet, alcohol), Chronic ki if] ** , <i>Serum</i> notransferase (AST)	interpreted in light of the trend of serum cr concentrations ma us values if serum s 5.71 <b>lowing:</b> ddney disease, Hype <b>50.00</b> <b>59.50</b>	of the patients mus reatinine concentra y increase when a samples have heter mg/dl 3.4- ertension, Obesity U/L < 35 U/L < 40	cle mass. A patient w ations over time is mo n ACE inhibitor (AC ophilic antibodies, he 7.0	ith a greater muscle ore important than E) is taken. The assay molyzed, icteric or URICASE IFCC WITHOUT P5P IFCC WITHOUT P5P
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine conc could be affected mildly lipemic. Jric Acid ** ample:Serum Interpretation: Note:- Elevated uric acid lev Drugs, Diet (high-prote FT (WITH GAMIMA G SGOT / Aspartate Amir SGPT / Alanine Aminot Gamma GT (GGT)	creatinine concentration. The centration. Serum creatinine and may result in anomalo rels can be seen in the fol in diet, alcohol), Chronic ki if] ** , <i>Serum</i> notransferase (AST)	interpreted in light of the trend of serum cr concentrations ma us values if serum s 5.71 lowing: idney disease, Hype 50.00 59.50 23.20	of the patients mus reatinine concentra y increase when a samples have heter mg/dl 3.4- mg/dl 3.4- U/L < 35 U/L < 40 IU/L 11-5	cle mass. A patient w ations over time is mo n ACE inhibitor (AC ophilic antibodies, he 7.0	ith a greater muscle ore important than E) is taken. The assay molyzed, icteric or URICASE IFCC WITHOUT P5P IFCC WITHOUT P5P OPTIMIZED SZAZING
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine conc could be affected mildly lipemic. Jric Acid ** ample:Serum Interpretation: Note:- Elevated uric acid lev Drugs, Diet (high-prote FT (WITH GAMIMA G SGOT / Aspartate Amir SGPT / Alanine Aminot Gamma GT (GGT) Protein	creatinine concentration. The centration. Serum creatinine and may result in anomalo rels can be seen in the fol in diet, alcohol), Chronic ki if] ** , <i>Serum</i> notransferase (AST)	interpreted in light of the trend of serum cr concentrations ma us values if serum s 5.71 <b>lowing:</b> idney disease, Hype <b>50.00</b> <b>59.50</b> 23.20 6.61	of the patients mus reatinine concentra y increase when a samples have heter mg/dl 3.4- mg/dl 3.4- U/L 3.4- U/L 40 U/L 40 IU/L 11-5 gm/dl 6.2-	cle mass. A patient wations over time is mo n ACE inhibitor (AC rophilic antibodies, he 7.0	ith a greater muscle ore important than E) is taken. The assay molyzed, icteric or URICASE IFCC WITHOUT P5P IFCC WITHOUT P5P OPTIMIZED SZAZING BIURET
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine conc could be affected mildly lipemic. Jric Acid ** ample:Serum Interpretation: Note:- Elevated uric acid lev Drugs, Diet (high-prote FT (WITH GAMIMA G SGOT / Aspartate Amir SGPT / Alanine Aminot Gamma GT (GGT)	creatinine concentration. The centration. Serum creatinine and may result in anomalo rels can be seen in the fol in diet, alcohol), Chronic ki if] ** , <i>Serum</i> notransferase (AST)	interpreted in light of the trend of serum cr concentrations ma us values if serum s 5.71 lowing: idney disease, Hype 50.00 59.50 23.20	of the patients mus reatinine concentra y increase when a samples have heter mg/dl 3.4- mg/dl 3.4- U/L < 35 U/L < 40 IU/L 11-5	cle mass. A patient wa ations over time is mo n ACE inhibitor (AC rophilic antibodies, he 7.0 7.0 60 8.0 5.4	ith a greater muscle ore important than E) is taken. The assay molyzed, icteric or URICASE IFCC WITHOUT P5P IFCC WITHOUT P5P OPTIMIZED SZAZING









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## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	U	nit Bio. Ref. Inte	erval Method
Alkaline Phosphatase (Total)	52.03	U/L	42.0-165.0	PNP/AMP KINETIC
Bilirubin (Total)	1.15	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.50	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.65	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE (MINI) ** , Serum				
Cholesterol (Total)	166.00	mg/dl	<200 Desirable 200-239 Borderline H > 240 High	CHOD-PAP ligh
HDL Cholesterol (Good Cholesterol)	66.90	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	64	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Opti 130-159 Borderline H 160-189 High > 190 Very High	
VLDL	35.40	mg/dl	10-33	CALCULATED
Triglycerides	177.00	mg/dl	< 150 Normal 150-199 Borderline H 200-499 High >500 Very High	GPO-PAP ligh

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



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# DEPARTMENT OF CLINICAL PATHOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
URINE EXAMINATION, ROUTINE ** , $\iota$	Jrine			
Color	PALE YELLOW			
Specific Gravity	1.015			
Reaction PH	Acidic (5.0)			DIPSTICK
Appearance	CLEAR			
Protein	ABSENT	mg %	< 10 Absent	DIPSTICK
			10-40 (+)	
			40-200 (++)	
			200-500 (+++)	
Sugar	ABSENT	amc <sup>0/</sup>	> 500 (++++) < 0.5 (+)	DIPSTICK
Sugar	ADJEINT	gms%	< 0.5 (+) 0.5-1.0 (++)	DIPSTICK
			1-2 (+++)	
			> 2 (++++)	
Ketone	ABSENT	mg/dl	Serum-0.1-3.0	BIOCHEMISTRY
		-	Urine-0.0-14.0	
Bile Salts	ABSENT			
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	0-1/h.p.f			MICROSCOPIC
				EXAMINATION
Pus cells	ABSENT			
RBCs	ABSENT			MICROSCOPIC
	ADOENT			EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC EXAMINATION
Others	ABSENT			ΕΛΑΙΝΙΙΝΑΤΙΟΝ
SUGAR, FASTING STAGE ** , Urine				
Sugar, Fasting stage	ABSENT	gms%		









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## DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method	
Interpretation					

Interpretation:

 $\begin{array}{ll} (+) & < 0.5 \\ (++) & 0.5\text{-}1.0 \\ (+++) & 1\text{-}2 \\ (++++) & > 2 \end{array}$ 

### 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. Mamta Barthwal MD(Micro-Biology)









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#### DEPARTMENT OF IMMUNOLOGY

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

Test Name	Result	Unit	Bio. Ref. Interval	Method	
<b>PSA (Prostate Specific Antigen)</b> , <b>Total</b> ** Sample:Serum	0.35	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.

#### THYROID PROFILE - TOTAL \*\* , Serum

T3, Total (tri-iodothyronine)	123.64	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	10.50	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	1.680	μlU/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	µIU/mL	Third Trimes	ter	
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





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Add: B 1/2, Sector J, Near Sangam Chauraha, LDA Stadium Road, ALIGANJ Ph: 9235432681 CIN: U85110UP2003PLC193493

Patient Name	: Mr.ABHISHEK SINGH	Registered On	: 10/Nov/2024 09:22:18
Age/Gender	: 36 Y O M O D /M	Collected	: 10/Nov/2024 09:36:51
UHID/MR NO	: CALI.0000051597	Received	: 10/Nov/2024 11:27:33
Visit ID	: CALI0170142425	Reported	: 10/Nov/2024 13:11:17
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

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. Anupam Singh (MBBS MD Pathology)



Home Sample Collection 08069366666









Add: B 1/2, Sector J, Near Sangam Chauraha, LDA Stadium Road, ALIGANJ Ph: 9235432681 CIN: U85110UP2003PLC193493

Patient Name	: Mr.ABHISHEK SINGH	Registered On	: 10/Nov/2024 09:22:19
Age/Gender	: 36 Y O M O D /M	Collected	: 2024-11-10 12:56:17
UHID/MR NO	: CALI.0000051597	Received	: 2024-11-10 12:56:17
Visit ID	: CALI0170142425	Reported	: 10/Nov/2024 12:56:30
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## **DEPARTMENT OF X-RAY**

## MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

## X-RAY DIGITAL CHEST PA (500 mA COMPUTERISED UNIT SPOT FILM DEVICE)

## **DIGITAL CHEST P-A VIEW**

- 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 DIAGNOSTIC ABNORMALITY SEEN.

Dr. Pankaj Kumar Gupta (M.B.B.S D.M.R.D)









Add: B 1/2, Sector J, Near Sangam Chauraha, LDA Stadium Road, ALIGANJ Ph: 9235432681 CIN: U85110UP2003PLC193493

Patient Name	: Mr.ABHISHEK SINGH	Registered On	: 10/Nov/2024 09:22:19
Age/Gender	: 36 Y 0 M 0 D /M	Collected	: 2024-11-10 10:19:18
UHID/MR NO	: CALI.0000051597	Received	: 2024-11-10 10:19:18
Visit ID	: CALI0170142425	Reported	: 10/Nov/2024 10:23:18
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

### DEPARTMENT OF ULTRASOUND

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

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

WHOLE ABDOMEN ULTRASONOGRAPHY REPORT
<ul> <li>LIVER</li> <li>The liver is normal in size ~13.9 cm in longitudinal span and shows diffused raised echogenicity of hepatic parenchyma S/O grade I fatty liver. No focal lesion is seen.</li> </ul>
<ul> <li>PORTAL SYSTEM</li> <li>The intra hepatic portal channels are normal.</li> <li>The portal vein is not dilated.</li> <li>Porta hepatis is normal.</li> </ul>
<ul> <li>BILIARY SYSTEM</li> <li>The intra-hepatic biliary radicles are normal.</li> <li>Common duct is not dilated.</li> <li>The gall bladder is normal in size and has regular walls. Lumen of the gall bladder is anechoic.</li> </ul>
<ul> <li>PANCREAS</li> <li>The pancreas is normal in size and shape and has a normal homogenous echotexture. Pancreatic duct is not dilated.</li> </ul>
<ul> <li>KIDNEYS</li> <li>Right kidney is normal in size ~ 9.1 x 4.2 cm position and cortical echotexture. Cortico-medullary demarcation is maintained.</li> <li>Left kidney is normal in size ~9.4 x 4.3 cm position and cortical echotexture. Cortico-medullary demarcation is maintained.</li> <li>The collecting system of both the kidneys are not dilated.</li> </ul>
<ul> <li>SPLEEN</li> <li>Spleen is mildly enlarged in size ~13.2 cm and has a normal homogenous echo-texture.</li> </ul>

### ILIAC FOSSAE & PERITONEUM

- Scan over the iliac fossae does not reveal any fluid collection or mass.
- No free fluid is noted in peritoneal cavity. Visualized bowel loops are gaseous and grossly appear normal in caliber, peristalsis and wall thickness.



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### **DEPARTMENT OF ULTRASOUND**

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

### URINARY BLADDER

• The urinary bladder is normal. Bladder wall is normal in thickness and is regular. No calculus is seen.

#### PROSTATE

The prostate gland is normal in size with smooth outline (volume~17.6 grams).

#### **FINAL IMPRESSION**

- MILD SPLENOMEGALY.
- **GRADE I FATTY INFILTRATION OF LIVER.**

Adv: Clinico-pathological correlation and follow-up.

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

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

Result/s to Follow:

STOOL, ROUTINE EXAMINATION, ECG / EKG, 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: MRI, CT scan, DR X-ray, Ultrasound, Sonomammography, Digital Mammography, ECG (Bedside also), 2D Echo, TMT, Holter, OPG, EEG, NCV, EMG & BERA, Audiometry, BMD, PFT, Fibroscan, Bronchoscopy, Colonoscopy and Endoscopy, Allergy Testing, Biochemistry & Immunoassay, Hematology, Microbiology & Serology, Histopathology & Immunohistochemistry, Cytogenetics and Molecular Diagnostics and Health Checkups 365 Days Open

\*Facilities Available at Select Location Page 13 of 13



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