

CHANDAN DIAGNOSTIC CENTRE

Add: 99, Shivaji Nagar Mahmoorganj, Varanasi

Ph: 9235447795,0542-2223232

CIN : U85110DL2003PLC308206

Patient Name	: Mr.AWADHESH KUMAR - PKG10000238	Registered On	: 28/Dec/2021 09:42:03
Age/Gender	: 33 Y O M O D /M	Collected	: 28/Dec/2021 11:19:45
UHID/MR NO	: CVAR.0000025143	Received	: 28/Dec/2021 11:30:36
Visit ID	: CVAR0093242122	Reported	: 28/Dec/2021 12:47:24
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	O
Rh (Anti-D)	POSITIVE

COMPLETE BLOOD COUNT (CBC) * , Blood

Haemoglobin	12.60	g/dl	Male- 13.5-17.5 g/dl Female-12.0-15.5 g/dl	
TLC (WBC)	7,300	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
DLC				
Polymorphs (Neutrophils)	60.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	36.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	2.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	2.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	< 1	ELECTRONIC IMPEDANCE

ESR

Observed	16.00	Mm for 1st hr.	
Corrected	8.00	Mm for 1st hr.	< 9
PCV (HCT)	40.30	cc %	40-54

Platelet count

Platelet Count	1.50	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	nr	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	nr	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	nr	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	nr	fL	6.5-12.0	ELECTRONIC IMPEDANCE

RBC Count

RBC Count	4.37	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
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Blood Indices (MCV, MCH, MCHC)

MCV	92.30	fl	80-100	CALCULATED PARAMETER
MCH	28.90	pg	28-35	CALCULATED PARAMETER
MCHC	31.30	%	30-38	CALCULATED PARAMETER



Neutrophils Count	4,380.00	/cu mm	3000-7000	ELECTRONIC IMPEDANCE
Eosinophils Count (AEC)	146.00	/cu mm	40-440	ELECTRONIC IMPEDANCE

Dr.S.N. Sinha (MD Path)

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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	136.00	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 = Impared Glucose Tolerance.

Glucose PP

Sample: Plasma After Meal

130.00	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 = Impared Glucose Tolerance.

GLYCOSYLATED HAEMOGLOBIN (HBA1C) * , EDTA BLOOD

Glycosylated Haemoglobin (HbA1c)	5.10	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (Hb-A1c)	32.00	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	96	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.

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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
BUN (Blood Urea Nitrogen) * <i>Sample:Serum</i>	16.10	mg/dL	7.0-23.0	CALCULATED
Creatinine <i>Sample:Serum</i>	1.00	mg/dl	0.7-1.3	MODIFIED JAFFES
e-GFR (Estimated Glomerular Filtration Rate) <i>Sample:Serum</i>	102.00	ml/min/1.73m ²	- 90-120 Normal - 60-89 Near Normal	CALCULATED
Uric Acid <i>Sample:Serum</i>	6.90	mg/dl	3.4-7.0	URICASE
L.F.T.(WITH GAMMA GT) * , Serum				
SGOT / Aspartate Aminotransferase (AST)	64.00	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	103.90	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	32.00	IU/L	11-50	OPTIMIZED SZAZING
Protein	6.80	gm/dl	6.2-8.0	BIRUET
Albumin	4.00	gm/dl	3.8-5.4	B.C.G.
Globulin	2.80	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.43		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	105.90	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	0.30	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.10	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.20	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE (MINI) * , Serum				
Cholesterol (Total)	317.00	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	97.90	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	160	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optimal 130-159 Borderline High 160-189 High > 190 Very High	CALCULATED
	59.02	mg/dl	10-33	CALCULATED
	295.10	mg/dl	< 150 Normal 150-199 Borderline High 200-499 High >500 Very High	GPO-PAP



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Dr.S.N. Sinha (MD Path)

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DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

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URINE EXAMINATION, ROUTINE * , Urine

Color	LIGHT YELLOW			
Specific Gravity	1.030			
Reaction PH	Acidic (6.5)			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			
Microscopic Examination:				
Epithelial cells	2-3/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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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%



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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)	111.00	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	5.50	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	2.89	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.



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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

- 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 : N O R M A L S K I A G R A M



A handwritten signature in black ink, appearing to read 'Raveesh'.

Dr Raveesh Chandra Roy (MD-Radio)

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DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) *

- The liver measures 15.9 cm in mid clavicular line. Mild diffuse increase in liver echogenecity seen. No focal lesion is seen. No intra hepatic biliary radicle dilation seen.
- Gall bladder is well distended and is normal.
- Portal vein measures 10 mm in caliber. CBD measures 4.7 mm in caliber.
- Pancreas is normal in size, shape and echogenecity.
- Spleen is normal in size (9.1 cm in its long axis), shape and echogenecity.
- Right kidney measures : 8.9 x 3.9 cm. No focal lesion or calculus seen. Right pelvicalyceal system is not dilated.
- Left kidney measures : 9.3 x 4.3 cm. No focal lesion or calculus seen. Left pelvicalyceal system is not dilated.
- Urinary bladder is normal in shape, outline and distension. Lumen is anechoic and no wall thickening seen. Prevoid urine volume 57 cc.
- The prostate is normal in size (33 x 28 x 24 mm/12gms), shape and echopattern.
- No free fluid is seen in the abdomen/pelvis.

IMPRESSION :

- **Fatty liver grade I.**
- **Rest of the abdominal organs are normal.**

Please correlate clinically

*** End Of Report ***

Result/s to Follow:

STOOL, ROUTINE EXAMINATION, ECG / EKG



Dr Raveesh Chandra Roy (MD-Radio)

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 Conduction 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