

Add: Armelia,1St Floor,56New Road, M.K.P Chowk,Dehradun Ph: 9235501532,01352710192 CIN : U85110DL2003PLC308206



Patient Name	: Mr.RISHABH JOSHI-PKG10000238	Registered On	: 25/Dec/2021 09:00:33
Age/Gender	: 32 Y O M O D /M	Collected	: 25/Dec/2021 09:13:34
UHID/MR NO	: IDUN.0000159790	Received	: 25/Dec/2021 10:42:06
Visit ID	: IDUN0386612122	Reported	: 25/Dec/2021 12:43:03
Ref Doctor	: Dr.MediWheel Knp	Status	: Final Report

DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing) * , Blood				
Blood Group	В			
Rh (Anti-D)	POSITIVE			
COMPLETE BLOOD COUNT (CBC) * , Blood				
Haemoglobin	16.30	g/dl	Male- 13.5-17.5 g/dl Female-12.0-15.5 g/dl	
TLC (WBC) <u>DLC</u>	7,930.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
Polymorphs (Neutrophils)	66.30	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	27.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	4.50	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	1.90	%	1-6	ELECTRONIC IMPEDANCE
Basophils ESR	0.30	%	<1	ELECTRONIC IMPEDANCE
Observed	6.00	Mm for 1st hr.		
Corrected	4.00	Mm for 1st hr.	< 9	
PCV (HCT)	46.50	cc %	40-54	
Platelet count				
Platelet Count	1.93	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	13.40	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	39.40	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.20	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume) RBC Count	10.60	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count	5.06	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				
MCV	92.00	fl	80-100	CALCULATED PARAMETER
MCH	32.20	pg	28-35	CALCULATED PARAMETER
	35.00	%	30-38	
	12.10	%	11-16	ELECTRONIC IN 1
200 M (2, 12 M) (2, 10) 200 M (2, 12 M) (2, 10) 200 M (2, 12 M) (2, 10)	46.00	fL	35-60	ELECTRONIC IN
utrophils Count	5,260.00	/cu mm	3000-7000	DR. RITU KALIA MD (PATHOLOG)
sinophils Count (AEC)	150.00	/cu mm	40-440	MD (FAIROLOGI





GLYCOSYLATED HAEMOGLOBIN (HBA1C) * , EDTA BLOOD						
Glycosylated Haemoglobin (HbA1c)	5.37	% NGSP	HPLC (NGSP)			
Glycosylated Haemoglobin (Hb-A1c)	35.00	mmol/mol/IFCC				
Estimated Average Glucose (eAG)	108	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

Result

Unit Bio. Ref. Interval

al 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 1diabetics. 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.

<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.







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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Ur	iit Bio. Ref. Interv	val Method
BUN (Blood Urea Nitrogen) * Sample:Serum	11.10	mg/dL	7.0-23.0	CALCULATED
Creatinine Sample:Serum	1.15	mg/dl	0.7-1.3	MODIFIED JAFFES
e-GFR (Estimated Glomerular Filtration Rate) Sample:Serum	84.00	ml/min/1.73m	2 - 90-120 Normal - 60-89 Near Normal	CALCULATED
Uric Acid Sample:Serum	6.07	mg/dl	3.4-7.0	URICASE
L.F.T.(WITH GAMMA GT) * , Serum				
SGOT / Aspartate Aminotransferase (AST) SGPT / Alanine Aminotransferase (ALT) Gamma GT (GGT)	27.55 44.72 50.30	U/L U/L IU/L	< 35 < 40 11-50	IFCC WITHOUT P5P IFCC WITHOUT P5P OPTIMIZED SZAZING
Protein	6.64	gm/dl	6.2-8.0	BIRUET
Albumin Globulin	4.30 2.34	gm/dl gm/dl	3.8-5.4 1.8-3.6	B.C.G. CALCULATED
A:G Ratio Alkaline Phosphatase (Total)	1.84 67.60	U/L	1.1-2.0 42.0-165.0	CALCULATED IFCC METHOD
Bilirubin (Total) Bilirubin (Direct)	0.96	mg/dl mg/dl	42.0-105.0 0.3-1.2 < 0.30	JENDRASSIK & GROF JENDRASSIK & GROF
Bilirubin (Indirect)	0.70	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE (MINI) * , Serum				
Cholesterol (Total)	183.25	mg/dl	<200 Desirable 200-239 Borderline Hig > 240 High	CHOD-PAP h
HDL Cholesterol (Good Cholesterol)	47.31	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	99	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optima 130-159 Borderline Hig	
			160-189 High > 190 Very High	
	37.24	mg/dl	10-33	CALCULATED
	186.18	mg/dl	< 150 Normal 150-199 Borderline Hig 200-499 High >500 Very High	GPO-PAP h Dr. Ritu Kal MD (PATHOLO





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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
JRINE EXAMINATION, ROUTINE * , Urin	1e			
Color	LIGHT YELLOW			
Specific Gravity	1.020			
Reaction PH	Acidic (6.0)			DIPSTICK
Protein	ABSENT	mg %	< 10 Absent	DIPSTICK
		, 0	10-40 (+)	
			40-200 (++)	
			200-500 (+++)	
	151.8 P		> 500 (++++)	
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/ di	0.2 2.01	DIGONEIMISTICI
Bile Pigments	ABSENT			
Urobilinogen(1:20 dilution)	ABSENT			
Microscopic Examination:	ADSENT		and the second second	
Epithelial cells	1-2/h.p.f			MICROSCOPIC
	1-2/11.p.1			EXAMINATION
Pus cells	0-1/h.p.f			MICROSCOPIC
	0 1/11.p.1			EXAMINATION
RBCs	ABSENT			MICROSCOPIC
				EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC
				EXAMINATION
Others	ABSENT			
UGAR, FASTING STAGE * , Urine				
Sugar, Fasting stage	ABSENT	gms%		

Interpretation:

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

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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

SUGAR, PP STAGE * , Urine

Sugar, PP Stage

ABSENT

Interpretation:

(+)	< 0.5 gms%
(++)	0.5-1.0 gms%
(+++)	1-2 gms%
(++++)	>2 gms%



DR. RITU KALIA MD (PATHOLOGY)

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Mar. 2016



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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)	99.86	ng/dl	84.61-201.7	CLIA
T4, Total (Thyroxine)	8.04	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	2.83	μIU/mL	0.27 - 5.5	CLIA
Interpretation:				
		0.3-4.5 μIU/n		
		0.5-4.6 μIU/n 0.8-5.2 μIU/n		

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.



Dr. Smriti Gupta (Md pathologist)

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Visit ID	: IDUN0386612122	Reported	: 25/Dec/2021 15:21:27
Ref Doctor	: Dr.MediWheel Knp	Status	: Final Report

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

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

IMPRESSION : NO SIGNIFICANT ABNORMALITY DETECTED



Dr. Amit Bhandari MBBS MD RADIOLOGY

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DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) *

Liver is normal in size and is bright in echotexture. No focal lesion seen.

PV and CBD are normal. IHBR are not dilated.

Gall bladder seen in distended state with echofree lumen. Wall thickness is normal.

Spleen is normal in size, shape and echotexture.

Pancreas Head and body appear normal. Tail obscured by bowel gases.

Kidneys: Both kidneys are normal in size, shape and echotexture. Cortico-medullary differentiation is maintained. Parenchymal thickness is normal. No obvious mass/hydronephrosis seen.

Calculus measuring approx 7.1 mm is seen in mid calyx of right kidney.

Urinary bladder seen in distended state with echofree lumen. Wall thickness is normal.

Prostate is normal in size and echotexture.

No significant free fluid seen in peritoneal cavity.

<u>IMP</u>:-

GRADE I FATTY LIVER

RIGHT RENAL CALCULUS

Note: In case of any discrepancy due to typing error kindly get it rectified immediately.

*** End Of Report *** (*) Test not done under NABL accredited Scope

Result/s to Follow: STOOL, ROUTINE EXAMINATION, ECG / EKG



Dr. Amit Bhandari MBBS MD RADIOLOGY

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 * 365 Days Open *Facilities Available at Select Location

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