

DEPARTMENT OF PATHOLOGY

Patient Name : Mrs. JYOTI RANI  
MR No : 24352  
Age/Sex : 34 Years / Female  
Type : OPD  
TPA/Corporate :  
IP No. :  
ROOMTYPE :  
Requisition Date & Time : 29/01/2022 9:41 AM  
Sample Collection Dt.&Tm. : 29/01/2022 01:20 PM  
Sample Receiving Dt.&Tm. : 29/01/2022 01:20 pm  
Reporting Dt. & Tm : 29/01/2022 4:53 PM  
Sample ID : 59737  
Bill/Req. No. : 22146450  
Referral Doctor : Dr.R.M.O

COMPLETE HAEMOGRAM

Tests	Results		Reference Range	Units	Method	Specimen Type
HAEMOGLOBIN	<b>10.8</b>	L	11.5 - 16.5	gms/dL	COLORIMETRY	Whole Blood
TOTAL LEUCOCYTE COUNT	9000		4000 - 11000	/ $\mu$ L	Impedance Variation	Whole Blood
<b>DIFFERENTIAL COUNT</b>						
NEUTROPHILS	80		50.0 - 80.0	%	FLOW CYTOMETRY	
LYMPHOCYTES	<b>16</b>	L	20.0 - 40.0	%	FLOW CYTOMETRY	Whole Blood
MONOCYTES	03		2.0 - 10.0	%	FLOW CYTOMETRY	Whole Blood
EOSINOPHILS	01		0.0 - 5.0	%	FLOW CYTOMETRY	Whole Blood
BASOPHILS	00		0.0 - 2.0	%	FLOW CYTOMETRY	Whole Blood
RED BLOOD CELL COUNT	3.77		3.5 - 5.5	millions/ $\mu$ L	ELECTRICAL IMPEDANCE	
PACKED CELL VOLUME	<b>33.1</b>	L	35.0 - 50.0	%	CALCULATED	Whole Blood
MEAN CORPUSCULAR VOLUME	87.8		75 - 95	fL	MEASURED	
MEAN CORPUSCULAR HAEMOGLOBIN	28.6		27 - 31	Picogrames	CALCULATED	
MEAN CORPUSCULAR HB CONC	<b>32.6</b>	L	33 - 37	%	CALCULATED	
PLATELET COUNT	250		150 - 450	THOUSAND/ CUMM	ELECTRICAL IMPEDANCE	Whole Blood

\*\*\*\*\* END OF THE REPORT \*\*\*\*\*

Dr. RUMA DEY  
MBBS, MD(MICROBIOLOGY)  
CONSULTANT MICROBIOLOGIST

METRO HOSPITAL  
PALAM VIHAR  
Dr. ARTI MGAM  
MBBS, MD (PATHOLOGY)  
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HOD PATH LAB

Lab Technician: DEEPAKME702

Page 1 of 1

H = High L = Low P = Panic

H-Block, Palam Vihar, Gurugram, Haryana - 122017 | Ph.: 0124-4777000, Mobile No. : 9891424242, 7533033001  
(This is only professional opinion and not the diagnosis, Please correlate clinically)

the health care providers

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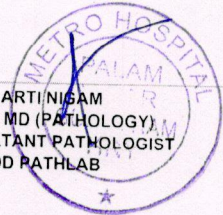
Patient Name : Mrs. JYOTI RANI	Requisition Date & Time : 29/01/2022	9.41 AM
MR No : 24352	Sample Collection Dt.&Tm. : 29/01/2022	01:20 PM
Age/Sex : 34 Years / Female	Sample Receiving Dt.&Tm. : 29/01/2022	01:20 pm
Type : OPD	Reporting Dt. & Tm : 29/01/2022	5.55 PM
TPA/Corporate :	Sample ID : 59737	
IP No. :	Bill/Req. No. : 22146450	
ROOMTYPE :	Referral Doctor : Dr.R.M.O	

Tests	Results	Reference Range	Units	Method	Specimen Type
E.S.R.	<b>18</b>	<i>H</i> 0 - 15	mm at the end of 1st hr	Westergren	Whole Blood

\*\*\*\*\* END OF THE REPORT \*\*\*\*\*

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**BLOOD SUGAR P.P**

Tests	Results	Reference Range	Units	Method	Specimen Type
<b>FASTING PP</b>					
BLOOD SUGAR P.P.	139.99	80 - 150	mg/dl	god trinders	Plasma

\*Results of these tests should always be interpreted in conjunction with patients medical history, clinical presentation and other findings.  
 \*Performed on fully Automated Dimension X-Pand plus BioChemistry Analyser.  
 \*External Quality Control by Biorad Laboratory.

\*\*\*\*\* END OF THE REPORT \*\*\*\*\*

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**BLOOD SUGAR FASTING**

Tests	Results	Reference Range	Units	Method	Specimen Type
PLASMA GLUCOSE FASTING	77.60	60 - 100	mg/dl	god trinders	Plasma

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Reporting Dt. & Tm : 29/01/2022 10.42 PM  
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**URINE ROUTINE MICROSCOPY**

Tests	Results	Reference Range	Units	Method	Specimen Type
<b>PHYSICAL EXAMINATION</b>					
VOLUME	10		ml	Visual	Urine
COLOUR	Pale Yellow	Pale Yellow		Visual	Urine
APPEARANCE	Clear	Clear		Visual	Urine
SPECIFIC GRAVITY	1.020			BROMTHYMOL BLUE	Urine
<b>CHEMICAL EXAMINATION</b>					
REACTION	Acidic	Acidic			Urine
PH	6.5	4.5 - 8.0		Double Indicator	Urine
BLOOD	NIL	NIL		oxidase-peroxide	Stool
URINE PROTEIN	Negative		mg/dl		Urine
GLUCOSE/URINE	NIL	NIL		GODPOD/Benedicts	Urine
<b>MICROSCOPIC EXAMINATION</b>					
PUS CELL	6-8/hpf	2---3/HPF		Microscopy	Urine
EPITHELIAL CELLS	4-6/hpf	4---5/HPF		Microscopy	Urine
CASTS	NIL	NIL		Microscopy	Urine
CRYSTALS	NIL	NIL		Microscopy	Urine

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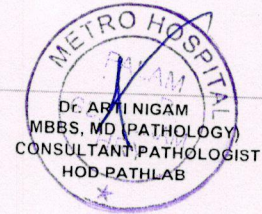
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**BLOOD GROUP and RH TYPE**

Tests	Results	Reference Range	Units	Method	Specimen Type
BLOOD GROUP	" A " RH POSITIVE			MATRIX GEL ABO/Rho (D) FORWARD & REVERSE GROUPING	

\*\*\*\*\* END OF THE REPORT \*\*\*\*\*

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**HB A1 C**

Tests	Results	Reference Range	Units	Method	Specimen Type
HBA1C	3.9	Non-Diabetics 4.0 - 6.0 In Diabetics Good Control 6.1 - 6.8 Fair Control 6.9 - 7.6 Poor Control > 7.6	%		

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**LIPID PROFILE (TOTAL CHOLESTEROL LDL HDL TRIGLYCERIDES)**

Tests	Results		Reference Range	Units	Method	Specimen Type
<b>LIPID PROFILE</b>						
TOTAL CHOLESTEROL	<b>206.05</b>	<b>H</b>	0 - 200	mg/dL	Cholestrol Oxidase	Serum
SERUM TRIGLYCERIDES	<b>215.12</b>	<b>H</b>	60 - 165	mg/dl	GPO-TRINDER	Serum
HDL-CHOLESTEROL	63.68		30 - 70	mg/dl	DIRECT	Serum
LDL	99.35		50 - 135	mg/dl	calculated	Serum
VLDL CHOLESTEROL	<b>43.02</b>	<b>H</b>	6 - 32	mg/dL	calculated	Serum
TOTAL CHOLESTEROL/HDL RATIO	3.24		2.0 - 5.0	mg/dl	calculated	Serum
LDL CHOLESTEROL/HDL RATIO	1.56		1.0 - 3.0	mg/dL	calculated	Serum

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H = High L = Low P = Panic



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**LIVER FUNCTION TEST**

Tests	Results	Reference Range	Units	Method	Specimen Type
LFT					
TOTAL BILIRUBIN	0.29	0.2 - 1.2	mg/dL	DIAZO	Serum
DIRECT BILIRUBIN	0.14	0 - 0.4	mg/dL	DIAZO METHOD	Serum
INDIRECT BILIRUBIN	0.15	0.10 - 0.6	mg/dL	Calculated	Serum
SGOT (AST)	18.60	0 - 45	U/L	IFCC KINETIC	Serum
SGPT (ALT)	30.60	0 - 45	U/L	IFCC	Serum
ALKALINE PHOSPHATASE	134.49	30 - 170	IU/L	MODIFIED IFCC	Serum
TOTAL PROTEINS	<b>5.36</b>	L 6.4 - 8.0	g/dL	Biuret	Serum
ALBUMIN	<b>3.27</b>	L 3.3 - 5.5	g/dL	BCG DYE	Serum
GLOBULIN	<b>2.09</b>	L 2.3 - 4.5	g/dL	Calculated	Serum
A/G RATIO	1.56	0 - 16.5	pg/ml	Calculated	Serum

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**TRANSTHORACIC ECHO- DOPPLER REPORT**

Name : Mrs .Jyoti Devi Age/Sex : 34/F  
Date : 29/01/2022 MRN/IPN : 24352  
Done By : Dr. Madhur Jain OP/IP : OPD

**M-MODE / 2-D DESCRIPTION**

- ❖ **Left Ventricle** : No RWMA present, LVEF ~ 55-60%
- ❖ **Left Atrium** : Normal.
- ❖ **Right atrium** : Normal Sized.
- ❖ **Right ventricle** : Normal Sized. RV Systolic Function is Normal.
- ❖ **Aortic valve** : Aortic Cusps are Normal
- ❖ **Mitral valve** : Mild MR
- ❖ **Tricuspid valve** : Trace TR
- ❖ **Pulmonic valve** : Appears Normal.
- ❖ **Main pulmonary artery & its branches** : Appear Normal.
- ❖ **Pericardium** : No Pericardial Effusion Seen
- ❖ **Inter atrial septum**: Intact.
- ❖ **Inter ventricular septum** : Intact.
- ❖ **IVC** : Normal in Size, collapsing & Respiratory Variability.
- ❖ **Clot / Vegetation** : No Intracardiac Clot, Vegetation.

**Measurements (mm):**

	LEFT HEART		RIGHT HEART		
	Observed values (mm)	Normal values		Observed values (mm)	Normal values
Aortic root	28	20-36 (22mm/M <sup>2</sup> )	IVC size	-	17-21mm
Aortic valve opening	N	15-26 (mm/M <sup>2</sup> )	IVC respiratory variability	Normal	>50%
LA size	38	19-40 (mm/M <sup>2</sup> )	RA size	-	<18cm <sup>2</sup>
LA volume index (ml/M <sup>2</sup> )		<34 ml/M <sup>2</sup>		-	
LVID(D)	38	(ED=37-56)	RV basal	-	24-42mm
LVID(S)	35		RV mid cavity	-	20-35mm
IVS(D)	11	(ED=6-12)	RV longitudinal	-	56-86mm
			RVOT proximal	-	18-33mm
PW(D)	10	(ED=5-10)	TAPSE	-	>15mm
			RV free wall thickness	-	<5mm
LVEF(%)	55-60%	55%-70%	RVEF	Normal	>44%

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Doppler velocities (cm/sec)

Aortic valve		Pulmonary valve	
Max/ Vel	1.78	Max velocity	-
Max/ PG	12.6mmHg	Max PG	-
			mmHg
Mitral valve		Tricuspid valve	
E	0.84	Max Velocity	2.35
A	1.02	PASP	26
DT	-	E/E' (>6)	-
E/A	-	S' Velocity (>10cm2/sec)	-

Regurgitation

MR		TR	
Severity	Mild	Severity	Trace
AR		PR	
Severity	Nil	Severity	Nil

Final Interpretation:

- No RWMA is present, LVEF~55-60%
- All cardiac chamber dimensions are normal.
- Mild MR
- Trace TR.
- Grade I LV diastolic dysfunction.
- Normal RV Systolic Function
- No Intracardiac Clot, Vegetations or Pericardial Effusion
- IVC is Normal in size, collapsing and Normal Respiratory Variability.



**Dr. Madhur Jain**  
Senior Consultant  
Interventional Cardiology

Note: This is a professional opinion, not final diagnosis. Congenital cardiac lesions are not being ruled out. This modality is having its limitations and the report should be correlated with clinical and other relevant patient data. This report is not valid for medico-legal purpose.

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QRS 74 ms  
QT / QTcBaz 352 / 440 ms  
PR 132 ms  
P 94 ms

Normal sinus rhythm  
Normal ECG

RR / PP 640 / 638 ms  
P / QRS / T 55 / 67 / 30 degrees

*Syoti Rani*

