

Patient Name : Mrs. SAROJ YADAV	UHID : 19480
Age / Gender : 32 Years 0 Months 19Days / Female	IPNO :
Referred By : Dr. CMO	Registered : 23/04/2022/ 10.27 AM
Req.No : 22188268	Sample Collection Dt & Tm : 23/04/2022/ 01.16 PM
Sample ID : 2213604	Sample Receiving Dt & Tm : 23/04/2022/ 01:17 PM
Patient Type : OPD	Report Released on : 23/04/2022/ 2.41 PM
Bed No :	

**HEMATOLOGY**

**Complete Blood Count -CBC(HB\TLC\PCV\RBC\Platelet)**

TEST NAME	RESULT	UNITS	REFERENCE INTERVAL	BIOLOGICAL SPECIMEN TYPE
TEST METHOD				
Hemoglobin (Hb) (Colorimetry)	12.8	gm/dl	11.5 - 15.0	WHOLE BLOOD
TLC (Electrical Impedence)	7430	cell/cumm	4500 - 11000	EDTA WHOLE
<b>DIFFERENTIAL COUNT</b>				
Neutrophils (Flow Cytometry)	60	%	40 - 75	EDTA WHOLE
Lymphocytes (Flow Cytometry)	29	%	20 - 45	EDTA WHOLE
Monocytes (Flow Cytometry)	08	%	1 - 10	EDTA WHOLE
Eosinophil (Flow Cytometry)	03	%	1 - 6	EDTA WHOLE
Basophil	00	%	0 - 1	
RBC (Electrical Impedence)	4.3	millions/cumm	4.2 - 5.4	EDTA WHOLE

-\*\*\*\* End of Report \*\*\*\*-

***This is Provisional Report***

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(MD. Microbiology)

Dr. Neha Gupta  
MBBS, MD (Pathology)  
(Consultant Pathologist)

Dr. Neha Kaushal  
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**HEMATOLOGY**

PCV (Electrical Impedance Calculation)	39.9	%	36 - 46	EDTA WHOLE
MCV (Electrical Impedance Calculation)	91.8	fL	76 - 96	EDTA WHOLE
MCH (Electrical Impedance Calculation)	29.8	pg	27 - 34	EDTA WHOLE
MCHC (Electrical Impedance Calculation)	32.5	gm/dl	30 - 36	EDTA WHOLE
RDW	14.1	%	11 - 16	
PLATELETE COUNT (Electrical Impedance)	201	1000/microLit	150 - 450	EDTA WHOLE

-\*\*\*\* End of Report \*\*\*\*-

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Bed No : 1	

**BIOCHEMISTRY**

**Renal Profile**

TEST NAME	RESULT	UNITS	REFERENCE INTERVAL	BIOLOGICAL SPECIMEN TYPE
TEST METHOD				
BLOOD UREA (Urease UV/GLDH)	20	mg/dl	13 - 45	SERUM
SERUM CREATININE (Jaffe Rate)	0.9	mg/dl	0.6 - 1.2	SERUM
URIC ACID (Enzymatic/Uricase)	3.8	mg/dl	2.5 - 6.8	SERUM
<b>ELECTROLYTES</b>				
SODIUM (ISE-Indirect)	132	mmol/L	132 - 150	SERUM
POTASSIUM (ISE-Indirect)	4.7	mmol/L	3.5 - 5.5	SERUM

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Patient Type : OPD	Report Released on : 24/04/2022 / 7.04 PM
Bed No :	

**SEROLOGY/IMMUNOLOGY**

**Thyroid Profile**

TEST NAME	RESULT	UNITS	BIOLOGICAL	
			REFERENCE INTERVAL	SPECIMEN TYPE
Triiodothyronine (T3)	1.15	ng/ml	0.60 - 1.81	SERUM
Thyroxine (T4) CLIA	11.6	ug/dL	5.01 - 12.45	
TSH ( Thyroid Stimulating Hormone )	0.86	uIU/ml	0.55 - 5.55	

Remarks :

(1) 4.2 to 15 IU/mL - Correlate clinically as physiological and other factors may falsely elevate TSH level. (2) TSH Values may be transiently altered because of non thyroidal illness. (3) Some drugs may decrease TSH values, e.g., L-dopa, Glucocorticoids. (4) Some drugs may increase TSH values, e.g., Iodine, Lithium, Amiodarone. Abbreviations.

-\*\*\*\* End of Report \*\*\*\*

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**BIOCHEMISTRY**

**Blood Sugar Fasting**

TEST NAME	RESULT	UNITS	REFERENCE INTERVAL	BIOLOGICAL SPECIMEN TYPE
TEST METHOD				
BLOOD SUGAR FASTING (God- Trinders)	83	mg/dl	75 - 115	Flouride Plasma

Increased in :

- Diabetes Mellitus
- Stress ( e.g. emotion, burns, shock, anesthesia)
- Acute Pancreatitis
- Chronic Pancreatitis
- Wernicke encephalopathy ( Vitamin B1 deficiency)
- Effect of drugs (e.g. corticosterogens, alcohol, phenytoin, thiazides)

Decreased in :

- Pancreatitis disorders
- Extrapaneacric tumors
- Endocrine disorders
- Malnutrition
- Hypothalamic lesions
- Alcoholism
- Endocrine Disorders

-\*\*\*\* End of Report \*\*\*\*-

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**BIOCHEMISTRY**

<b>PROTEINS</b>				
TOTAL PROTEIN (Biuret)	6.7	g/dl	6.0 - 8.3	SERUM
ALBUMIN (BCG- DYE)	4.4	g/dl	3.2 - 5.0	SERUM
GLOBULIN Calculated	2.3	gm/dl	1.5 - 3.6	
A/G RATIO Calculated	1.91		0.9 - 2.0	

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Patient Type : OPD	Report Released on : 23/04/2022/ 2.43 PM
Bed No :	

**BIOCHEMISTRY**

**Liver Function Test Profile**

TEST NAME	RESULT	UNITS	REFERENCE INTERVAL	BIOLOGICAL SPECIMEN TYPE
TEST METHOD				
<b><u>BILIRUBIN TOTAL AND DIRECT</u></b>				
BILIRUBIN TOTAL (Diazonium Salt)	0.5	mg/dl	0.1 - 1.2	SERUM
BILIRUBIN DIRECT (Diazonium Salt)	0.1	mg/dl	00 - 0.3	SERUM
BILIRUBIN INDIRECT (CALCULATED)	0.4	md/dl	0 - 0.9	
SGOT/AST (UV-KINETIC)	18	U/l	0 - 45	SERUM
SGPT/ALT (UV-KINETIC)	12	U/l	0 - 45	SERUM
ALKALINE PHOSPHATASE (ALP) (Kinetic)	78	U/l	39 - 118	SERUM

-\*\*\*\* End of Report \*\*\*\*-

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Bed No :	

**BIOCHEMISTRY**

**PROTEINS**

TOTAL PROTEIN (Biuret)	6.7	g/dl	6.0 - 8.3	SERUM
ALBUMIN (BCG- DYE)	4.4	g/dl	3.2 - 5.0	SERUM
GLOBULIN Calculated	2.3	gm/dl	1.5 - 3.6	
A/G RATIO Calculated	1.91		0.9 - 2.0	

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**CLINICAL PATHOLOGY**

**MICROSCOPIC EXAMINATION - URINE**

PUS CELLS (Microscopic)	1-2	/HPF	0 - 3	Urine
RBC- Urine (Per Oxidase Reaction)	NIL	/HPF	NIL	Urine
EPITHELIAL CELLS	0-1	/HPF	0 - 5	
CAST	NIL		NIL	
CRYSTALS	NIL		NIL	
BACTERIA	NIL			
OTHERS	NIL			

COMMENTS: Actual numerical values for WBCs, RBCs and Epithelial cells are not defined and must be correlated clinically.

Test Methods: Reagent strip analysis and urine sediment microscopy.  
 Reagent strip / chemical analysis are based on: pH-Double Indicator principle; Specific gravity Ion exchange method; Glucose Glucose oxidase-peroxidase/Benedicts; Protein Acid-base indicator/Sulfosalicylic acid; Urobilinogen Coupling reaction/Ehrlichsreaction, Bilirubin Coupling reaction, Ketones Nitroprusside method/Rotheras test.

-\*\*\*\* End of Report \*\*\*\*-

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b Technician	Dr. Nisha Tiwari (MD. Microbiology)	Dr. Neha Gupta MBBS, MD (Pathology) (Consultant Pathologist)	Dr. Neha Kaushal MBBS, MD (Microbiology) (Consultant Microbiologist)
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CLINICAL PATHOLOGY

CHEMICAL EXAMINATION

UROBILINOGEN (Ehrlich's Aldehyde Reaction)	NORMAL	NORMAL	Urine
PROTEIN	NIL	NIL	
BLOOD	NIL	NIL	
KETONE (Sodium Nitroprusside)	NIL	NIL	Urine
BILIRUBIN (Diazonium Salt)	NIL	NIL	SERUM
GLUCOSE (Benedict's Test)	NIL	NIL	Urine
NITRITE	NEGATIVE		

\*\*\*\* End of Report \*\*\*\*

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**CLINICAL PATHOLOGY**

**Urine Routine And Microscopy.**

TEST NAME	RESULT	UNITS	REFERENCE INTERVAL	BIOLOGICAL SPECIMEN TYPE
TEST METHOD				
QUANTITY	40 ML			
COLOUR	PALE YELLOW			
TURBIDITY	CLEAR			
SPECIFIC GRAVITY (Bromthymol Blue)	1.010		1.003-1.030	Urine
PH (Chromatography)	6.0		4.7-7.0	Urine

.\*\*\*\* End of Report \*\*\*\*.

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Patient Type : OPD	Report Released on : 24/04/2022/ 2.08 PM
Bed No :	

**BIOCHEMISTRY**

**Glycosylated Haemoglobin**

TEST NAME	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL	SPECIMEN TYPE
HbA1C (GLYCOSYLATED HEMOGLOBIN)	5.1	%	4.6 - 6.2	

Metabolically Healthy Patients 4.5-6.0  
 Good Control 6.1-6.5  
 Fair Control 6.6-7.0  
 Poor Control > 7.0

-\*\*\*\* End of Report \*\*\*\*-

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**DEPARTMENT OF IMAGING & INTERVENTIONAL RADIOLOGY, THE SIGNATURE HOSPITAL**

NAME: SAROJ YADAV	DATE: 23/04/2022
AGE: 32 Y/F	MR NO.: 19480

**USG WHOLE ABDOMEN**

**LIVER:** is normal in size and echotexture. No evidence of any focal lesion or IHBR dilation is present. Portal vein and CBD are normal in caliber at porta.

**GALL BLADDER** is well distended and lumen is echofree. Wall thickness is normal. No pericholecystic fluid is seen.

**SPLEEN:** is normal in size and echotexture. No focal lesion is seen.

**PANCREAS:** is normal in size and echotexture. Peripancreatic fat planes are clear. MPD is not dilated.

**RIGHT KIDNEY:** is normal in size and position and outline corticomedullary differentiation is maintained. There is no evidence of any focal lesion / calculus / backpressure changes.

**LEFT KIDNEY:** is normal in size and position and outline corticomedullary differentiation is maintained. There is no evidence of any focal lesion / calculus / backpressure changes.

**URINARY BLADDER** is well distended. Wall thickness is normal. No evidence of any focal lesion.

**UTERUS:** is normal in size, shape and position. Myometrial echotexture is normal. There is no focal lesion. **IUCD in situ.**

**OVARIES:** Both ovaries are normal.

Cul de Sac is clear.

**IMPRESSION:**

- No significant abnormality.

*Please correlate clinically.*



**Dr. Guru**

Senior Consultant

Diagnostic & Interventional Radiology

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**TRANSTHORACIC ECHO- DOPPLER REPORT**

NAME - Mrs Saroj Yadav

AGE/ SEX - 32Y/F

MR. NO. - 19480

DATE - 22/04/2022

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

- ❖ **Left Ventricle:** No regional wall motion abnormality. LVEF ~ 55%
- ❖ **Left Atrium:** It is Normal Sized.
- ❖ **Right atrium:** It is Normal Sized.
- ❖ **Right ventricle:** It is Normal Sized. RV Systolic Function is Normal.
- ❖ **Aortic valve:** Aortic Cusps are Normal.
- ❖ **Mitral valve:** It Opens Normally.
- ❖ **Tricuspid valve:** It Appears Normal.
- ❖ **Pulmonic valve:** It Appears Normal.
- ❖ **Main pulmonary artery & its branches:** Appear Normal.
- ❖ **Pericardium:** No Pericardial Effusion Seen
- ❖ **Inter atrial septum:** It is Intact.
- ❖ **Inter ventricular septum:** It is Intact.
- ❖ **IVC:** It is 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	26	20-36 (22mm/M <sup>2</sup> )	IVC size	-	17-21mm
Aortic valve opening		15-26 (mm/M <sup>2</sup> )	IVC respiratory variability	Normal	>50%
LA size	27	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)	42	(ED=37-56)	RV basal	-	24-42mm
LVID(S)	34		RV mid cavity	-	20-35mm
IVS(D)	8	(ED=6-12)	RV longitudinal	-	56-86mm
			RVOT proximal	-	18-33mm
PW(D)	8	(ED=5-10)	TAPSE	-	>15mm
			RV free wall thickness	-	<5mm
LVEF(%)	55%	55%-70%	RVEF	Normal	>44%

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Doppler velocities (cm/sec)

Aortic valve		Pulmonary valve	
Max/ Vel	127	Max velocity	91
Max/ PG	-	Max PG	-
Mitral valve		Tricuspid valve	
E	68	Max Velocity	-
A	47	PASP	-
DI	-	E/E' (>6)	-
E/A	-	S' Velocity (>10cm2/sec)	-

Regurgitation

MR		TR	
Severity	Nil	Severity	Nil
AR		PR	
Severity	Nil	Severity	Nil

Final Interpretation:

1. No regional wall motion abnormality. LVEF ~ 55%
2. Normal cardiac chamber.
3. No MR, AR, TR.
4. Grade II Diastolic Dysfunction.
5. No Intracardiac Clot, Vegetation, Pericardial Effusion.

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(This is only professional opinion and not the diagnosis. Please correlate clinically)

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