



DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Ms Priya Verma MRN : 15050000161179 Gender/Age : FEMALE , 33y (30/01/1990)
 Collected On : 02/09/2023 11:13 AM Received On : 02/09/2023 11:37 AM Reported On : 02/09/2023 04:20 PM
 Barcode : D62309020157 Specimen : Plasma Consultant : Dr. Alex Mathew(GENERAL MEDICINE)
 Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9897962089

Test	BIOCHEMISTRY		
	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (GOD/POD)	89	mg/dL	74.0-106.0
Post Prandial Blood Sugar (PPBS) (Enzyme Method (GOD/POD))	110.8	mg/dL	100.0-140.0
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Non LDL Selective Elimination, CHOD/POD)	239.4 H	mg/dL	<200.0
Triglycerides (LIPASE/GK/GPO/POD)	174.5 H	mg/dL	<150.0
HDL Cholesterol (HDLC) (Colorimetric (Phosphotungstic Acid Method))	57.2	mg/dL	40.0-60.0
Non-HDL Cholesterol	182.2 H	mg/dL	<130.0
LDL Cholesterol (Turbidometric /Microtip)	144.19 H	mg/dL	<100.0
VLDL Cholesterol (Calculated)	34.9	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	4.2	-	<4.5
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (ECLIA/ ELFA)	2.01	nmol/L	1.49-2.6
Thyroxine (T4) (ECLIA/ ELFA)	80.2	nmol/L	71.2-141.0
TSH (Thyroid Stimulating Hormone) (Electrochemiluminescence (ECLIA))	4.09	uIU/ml	0.465-4.68
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Azobilirubin Dyphyliline)	0.88	mg/dL	0.2-1.3





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Conjugated Bilirubin (Direct) (Dual Wavelength Reflectance)	0.23	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.64	mg/dL	0.1-1.0
Total Protein (Biuret Method)	8.16	gm/dL	6.3-8.2
Serum Albumin (Bromcresol Green (BCG))	4.65	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.51 H	gm/dL	2.3-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.32	-	0.9-2.0
SGOT (AST) (P - Phosphate)	43.3 H	U/L	14.0-36.0
SGPT (ALT) (P - Phosphate)	49.1 H	U/L	<35.0
Alkaline Phosphatase (ALP) (PNPP With Amp Buffer)	132.8 H	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (GCNA)	26.2	U/L	12.0-43.0

Jyoti

Dr. Jyoti Bala
Associate Consultant Biochemistry Reg No. :DMC 83337

Test	HAEMATOLOGY		Biological Reference Interval
	Result	Unit	
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Spectrophotometry)	12.4	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.34 L	$10^6/\text{mm}^3$	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	37.7	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Calculated)	87	μm^3	83.0-101.0





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MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.5	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.8	g/dL	32.0-36.0
Red Cell Distribution Width (RDW) (Calculated)	13.8	%	11.5-14.0
Platelet Count (Electrical Impedance)	223	$10^3/\text{mm}^3$	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	6.7	$10^3/\text{mm}^3$	4.0-11.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (DHSS)	59.1	%	40.0-80.0
Lymphocytes (DHSS)	35.7	%	20.0-40.0
Monocytes (DHSS)	1.8 L	%	2.0-10.0
Eosinophils (DHSS)	3.3	%	1.0-6.0
Basophils (DHSS)	0.1	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	3.96	$10^3/\text{mm}^3$	2.0-7.5
Absolute Lymphocyte Count (Calculated)	2.4	$\times 10^3 \text{ cells}/\mu\text{l}$	1.0-3.0
Absolute Monocyte Count (Calculated)	0.13 L	$\times 10^3 \text{ cells}/\mu\text{l}$	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.23	$\times 10^3 \text{ cells}/\mu\text{l}$	0.02-0.5
Absolute Basophil Count (Calculated)	0.01 L	$\times 10^3 \text{ cells}/\mu\text{l}$	0.02-0.1
<i>As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.</i>			
Erythrocyte Sedimentation Rate (ESR) (Modified Westergren Method)	25.0 H	mm/hr	0.0-20.0





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Prachi

Dr. Prachi
MBBS, MD Pathology
MBBS, MD Pathology, JUNIOR CONSULTANT, Reg no DMC - 70512

Test	CLINICAL PATHOLOGY		Biological Reference Interval
	Result	Unit	
STOOL ROUTINE EXAMINATION			
PHYSICAL EXAMINATION			
Colour	Brownish	-	-
Consistency	Semi Solid	-	-
Mucus	Absent	-	-
Blood	Absent	-	-
CHEMICAL EXAMINATION			
Reaction	Alkaline	-	-
MICROSCOPE EXAMINATION			
Ova	Not Seen	-	-
Cyst Of Protozoa	Not Seen	-	-
Red Blood Cells (Stool)	Not Seen	-	-
Pus Cells	1-2/hpf	/hpf	1 - 2

--End of Report--





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Prachi

Dr. Prachi
MBBS, MD Pathology
MBBS, MD Pathology, JUNIOR CONSULTANT, Reg no DMC - 70512

Note

Abnormal results are highlighted.
Results relate to the sample only.
Kindly correlate clinically.





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 Collected On : 02/09/2023 11:13 AM Received On : 02/09/2023 11:37 AM Reported On : 02/09/2023 03:16 PM
 Barcode : D62309020158 Specimen : Serum Consultant : Dr. Alex Mathew(GENERAL MEDICINE)
 Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9897962089

Test	BIOCHEMISTRY		Biological Reference Interval
	Result	Unit	
HbA1C	5.3	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
HbA1c (HPLC)			
Estimated Average Glucose	105.41	-	-

Interpretation:

- HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms and HbA1C > 6.5%, repeat measurement on further sample. If the repeat test result is < 6.5%, consider as diabetes high risk and repeat measurement after 6 months.
- HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- Any sample with >15% should be suspected of having a haemoglobin variant.

Interpretation Notes

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations. Target goals of < 7.0 % may be beneficial in patients. Please co-relate with Blood Sugar Fasting.

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (GOD/POD)	87.0	mg/dL	74.0-106.0
Blood Urea Nitrogen (BUN) (Urease, UV)	5.7 L	mg/dL	7.0-17.0

SERUM CREATININE

Serum Creatinine (Enzymatic Two Point Rate - Creatinine Amidohydrolase)	0.48 L	mg/dL	0.5-1.04
eGFR (Calculated)	149.0	mL/min/1.73m ²	Indicative of renal impairment < 60 Note: eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.





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Serum Sodium (ISE Direct)	142.9	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.24	mmol/L	3.5-5.1
Serum Chloride (ISE Direct)	105.2	mmol/L	98.0-107.0
Serum Bicarbonate Level (Phosphoenolpyruvate Carboxylase /Mdh Enzymatic End Point Assay)	23.7	mmol/L	22.0-30.0
Serum Calcium (Arsezano III Dye Binding Method)	9.86	mg/dL	8.4-10.2
Serum Magnesium (Formazan Dye)	2.23	mg/dL	1.6-2.3
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	5.21	mg/dL	3.5-8.5
Serum Phosphorus (Phosphomolybdate Reduction)	4.13	mg/dL	2.5-4.5

Jyoti

Dr. Jyoti Bala
Associate Consultant Biochemistry Reg No. :DMC 83337

BLOOD BANK LAB

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group	"B"	-
RH Typing	Positive	-

Manoj Rawat

Dr. Manoj Rawat
Consultant & HOD, Blood Bank Center
Consultant & HOD Blood Center, DMC - 38026





Patient Name : Ms Priya Verma MRN : 15050000161179 Gender/Age : FEMALE , 33y (30/01/1990)

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Colour	Pale Yellow	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Double Indicator Method)	6.0	-	4.8-7.5
Sp. Gravity (PKa Change Ionic Concentration Method)	1.005	-	1.002-1.030
Protein (Protein Error Method)	Negative	-	-
Urine Glucose (GOD/POD)	Negative	-	Nil
Ketone Bodies	Negative	-	-
Blood Urine (Pseudo Peroxidase Method)	Negative	-	-
MICROSCOPIC EXAMINATION			
Pus Cells	1-2/hpf	/hpf	1 - 2
RBC	Not Seen	/hpf	0-3
Epithelial Cells	2-3/hpf	/hpf	2-3
Urine For Sugar (Fasting)	Negative	-	-

--End of Report--

Prachi

Dr. Prachi
MBBS, MD Pathology





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MBBS,MD Pathology, JUNIOR CONSULTANT, Reg no DMC - 70512

Note

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Kindly correlate clinically.





Patient Name	Priya Verma	Requested By	Dr. Alex Mathew
MRN	15050000161179	Procedure DateTime	2023-09-02 12:47:57
Age/Sex	33Y 7M/Female	Hospital	NH-Dharamshila

Investigation No. 9292

ULTRASONOGRAPHY WHOLE ABDOMEN

Report:-

- **Liver** : is enlarged in size (18.4 cm) with grade II fatty changes. Normal sized intrahepatic biliary and vascular channels are seen. No focal lesion. The common bile duct and portal vein are normal.
- **Gall bladder** : Normal in size with normal wall thickness and contents.
- **The pancreas** : The pancreas shows normal contour, echogenicity and size.
- **The spleen** : is normal in size (8.1 cm), contour and echopattern.
- **The right kidney** : The right kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 10.3 x 3.3 cm.
- **The left kidney** : The left kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 10.3 x 4.7 cm.
- Urinary bladder is normal in wall & contents.
- Uterus is normal in size and echogenicity of the myometrium. It measures 9.7 x 3.3 x 4.8 cm.
- Endometrial stripe is normal. It measures ~5 mm. Previous LSCS scar noted in anterior endometrium.
- Both the ovaries are normal in size and echopattern.
- Left Ovary measures 3.0 CC. Right Ovary measures 2.2 CC seen in cul de sac.
- No ascites seen.

Impression : Hepatomegaly with grade II fatty liver.

Dr. SHAIENDRA KR. BHARDWAJ
MBBS, DNB (Radiodiagnosis)

Sr. CONSULTANT RADIOLOGY
DMC - 46531





Transthoracic Echo color Doppler Report

Patient's Name	Ms. Priya Verma	Age/Sex	33Years/Female
Ref By:	Dr. Alex Mathew	Date:	02/09/2023
MRN No.	15050000161179	PVT/MRD/IPD	Health Check Up

M-Mode/2-D Description

	Observed values	Normal values
Aortic root diameter diastole	26	20-36 (mm)
Left atrium size systole	26	19-40(mm)
Left Ventricular Size diastole	40	ED 37-56(mm)
Left Ventricular Size systole	26	ES 22-40 (mm)
Inter ventricular Septum diastole	07	ED 6-11(mm)
Posterior Wall thickness diastole	06	ED 6-11(mm)
End diastolic Volume	72	
End Systolic Volume	25	

- ❖ **Left Ventricle:** Left ventricle is normal sized with normal wall thickness. No regional wall motion abnormality seen, Global LVEF = 60%.
- ❖ **Right Ventricle:** Right ventricle is normal sized with normal wall thickness. No regional wall motion abnormality seen.
- ❖ **Left Atrium:** It is normal sized.
- ❖ **Right Atrium:** It is normal sized.
- ❖ **Aorta Artery:-** Its appear normal.
- ❖ **Main Pulmonary artery & its branches:** Its appear normal.
- ❖ **Mitral Valve:** Mitral valve appears normal, Subvalvular apparatus appears normal.
- ❖ **Aortic Valve:** Aortic valve appears normal.
- ❖ **Tricuspid valve:** It appears normal.
- ❖ **Pulmonary Valve:** It appears normal.
- ❖ **Pericardium:** There is no pericardial effusion.
- ❖ **Septum:** Interatrial septum and interventricular septum are intact.

Contd.....





Priya Verma.....2

DOPPLER/COLOUR FLOW

VALVE	MAX. VELOCITY cm/sec	PG/MG mmHg	Regurgitation Severity
MITRAL	E- 118cm/sec, A- 76cm/sec		Trace MR
AORTIC	129		No AR
TRICUSPID	160	(PASP -20 mmHg)	Trace TR
PULMONARY	86		No PR

FINAL INTERPRETATION

- ❖ No regional wall motion abnormality. Global LVEF= 60%.
- ❖ Normal sized all cardiac chambers dimensions.
- ❖ Normal RV systolic function.(TAPSE = 2.2 cm)
- ❖ Mitral leaflets are normal. Trace MR.
- ❖ Aortic cusps are normal. No AS. No AR.
- ❖ Trace TR. (PASP = 20mmHg). No PR.
- ❖ MIP - Normal.
- ❖ No Intracardiac clot/mass/Vegetation/pericardial effusion.
- ❖ IVC size is 13mm with normal respiratory variation.
- ❖ No Pleural effusion.
- ❖ No coarctation of aorta.

Pradeep Kumar Nayak
Dr. Pradeep Kumar Nayak
Senior Consultant - Cardiology

Dr. Sonali Dutta
Associate Consultant - Cardiology

Note:- This is a professional opinion based on imaging finding and not the diagnosis. Not valid for medico-legal purposes. In case of any discrepancy due to machine error or typing error, please get it rectified immediately.

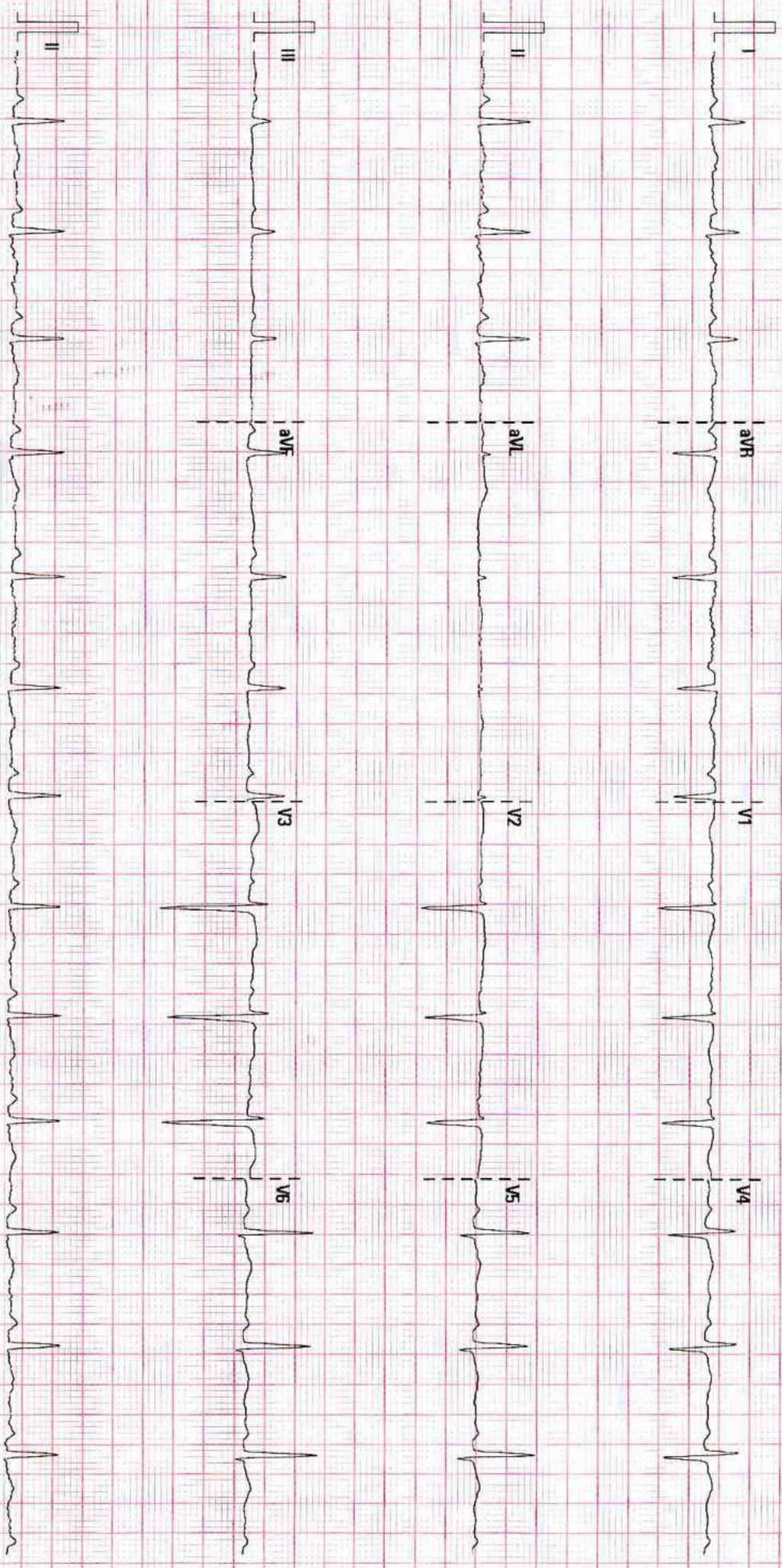


ID: 15050000161179
Name: Verma, Pnyu
Age: 33 Years
Gender: Female

02-09-2023 13:29:16

Vent. Rate	81 bpm	Sinus rhythm
PR Interval	158 ms	Normal ECG
QRS Duration	76 ms	
QT/QTc Interval	354/391 ms	
P/QRS/T Axes	54/60/30 deg	
OTc:Hodges		

Unconfirmed Diagnosis



CLEAR Δ VUE

SPECTACLES, SUNGLASSES, CONTACT LENSES



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02-09-23

Ms. Priya Verma, 33 fm / E

RIGHT EYE					LEFT EYE				
Const.	Sph.	Cyl.	Axis	Vn	Const.	Sph.	Cyl.	Axis	Vn
Dist.				6/6	Dist.				6/6
Near				N 6	Near				N 6

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