

LABORATORY INVESTIGATION REPORT

Name	: Mr. Muniraju R	MR No	: RPTH20190042103
Age/Sex	: 40 Y/M	Prescribing Dr	:
Mobile No	: +918971480078	Reported on	: 12-03-2025 11:16
Requesting Ward	:		
Referred By	: DEEPAK (PRO)		

HAEMATOLOGY

Parameters	Observed Values	Units	Reference Range	Sample
BLOOD GROUPING & RH TYPING, (Sample Received On:12 Mar, 2025 7:55:00 AM)				
BLOOD GROUP	"O"			Plasma(EDTA)
RH Type	POSITIVE			
Note	Blood group done by forward grouping only. Suggested confirmation by forward and reverse typing method for the purpose of blood transfusion etc			

DISCLAIMER : The result obtained relate only to the sample given/received & tested. A single test result is not always indicative of a disease, it has to be correlated with clinical data for interpretation.

---End of Report---

VERIFIED BY
Lakshmi O



DR SURAKSHA RAO B | MBBS, MD
Consultant Pathologist
KMC No. 81288

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HAEMATOLOGY

Parameters	Observed Values	Units	Reference Range	Sample
COMPLETE BLOOD COUNTS (AUTOMATED) (CBC), (Sample Received On:12 Mar, 2025 7:55:00 AM)				
HAEMOGLOBIN (AUTOMATED)	15.1	g/dL	13.5- 18	Plasma(EDTA)
TC (TOTAL COUNT) (AUTOMATED)	7570	Cell/mm ³	4000 - 11000	
NEUTROPHILS	54.9	%	40-75	
LYMPHOCYTES	36.1	%	20-45	
EOSINOPHILS	1.8	%	1 - 6	
MONOCYTES	6.9	%	1 - 10	
BASOPHILS	0.3	%	0 - 1	
RBC COUNT	5.61	Million cell/mm ³	4.2 - 6.5	
PLATELET COUNT	225000	Cells/mm ³	150000 - 450000	
PCV	45.4	%	39 - 54	
MCV	80.9	fL	75-95	
MCH	26.9	pg	30 - 35	
MCHC	33.3	g/dL	30 - 35	

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Bindhu B R



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HAEMATOTOLOGY

Parameters	Observed Values	Units	Reference Range	Sample
ESR (Sample Received On:12 Mar, 2025 7:55:00 AM)	12	mm/hr	0 - 10	Plasma(EDTA)

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Referred By	: DEEPAK (PRO)		

BIOCHEMISTRY

Parameters	Observed Values	Units	Reference Range	Sample
GLUCOSE - FASTING SUGAR(FBS), (Sample Received On:12 Mar, 2025 7:55:00 AM)				
Lab ID No: LAB602989				
FASTING BLOOD SUGAR[GOD-POD]	96	mg/dL	70 - 106	Serum
LIPID PROFILE (CHOL,TGL,LDL ,HDL), (Sample Received On:12 Mar, 2025 7:55:00 AM)				
Lab ID No: LAB602989				
CHOLESTEROL- TOTAL[CHOD-POD]	135.00	mg/dL	Desirable : <200 Borderline High : 200 - 239 High : >/=240	Serum
TRYGLYCERIDES[GPO]	208	mg/dL	<150	
CHOLESTEROL - LDL[Calculated]	59.4	mg/dL	Up to 130	
CHOLESTEROL - HDL[Polymer detergent]	34.0	mg/dL	Low : <40 High : >/=60	
CHOLESTEROL - VLDL[Calculated]	41.60	mg/dL	<40	
LDL : HDL RATIO	1.75		<3.5	
Lab ID No: LAB602989				
URIC ACID - SERUM[Uricase POD] (Sample Received On:12 Mar, 2025 7:55:00 AM)	4.60	mg/dL	3.5 - 8.5	Serum
Lab ID No: LAB602989				
BUN (BLOOD UREA NITROGEN)[Urease] (Sample Received On:12 Mar, 2025 7:55:00 AM)	10.28	mg/dL	7 - 20	Serum
Lab ID No: LAB602989				
CREATININE- SERUM, (Sample Received On:12 Mar, 2025 7:55:00 AM)	0.90	mg/dL	0.6 - 1.3	Serum
Lab ID No: LAB602989				
PROTEIN TOTAL[Biuret] (Sample Received On:12 Mar, 2025 7:55:00 AM)	8.20	g/dL	6.4 - 8.3	Serum
Lab ID No: LAB602989				
LIVER FUNCTION TEST (TBIL,DBIL,PROTEIN,ALB,OT,PT,ALP,GGT), (Sample Received On:12 Mar, 2025 7:55:00 AM)				
Lab ID No: LAB602989				
BILIRUBIN- TOTAL[Reflectance Spectrophotometry]	0.9	mg/dL	0.2 - 1.3	Serum
BILIRUBIN- DIRECT[Reflectance Spectrophotometry]	0.2	mg/dL	0 - 0.3	
BILIRUBIN- INDIRECT[Reflectance Spectrophotometry]	0.7	mg/dL	0 - 0.6	
TOTAL PROTEIN[Biuret]	8.20	g/dL	6.4 - 8.3	
ALBUMIN[Bromocresol Green]	4.80	g/dL	3.5 - 5	
GLOBULIN	3.4	g/dL	2 - 3	
A:G RATIO	1.4		0.8 - 2.5	
SGOT (AST)[Multipoint Rate with P-5-P]	28.00	U/L	17 - 59	
SGPT (ALT)[Multipoint Rate with P-5-P]	20.00	U/L	< 50	
GGT[-glutamyl-p-nitroanilide]	21.00	IU/L	15 - 73	
ALP[Enzymatic]	59.00	U/L	38 - 126	

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Shwetha S



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BIOCHEMISTRY

Parameters	Observed Values	Units	Reference Range	Sample
Lab ID No: LAB602989 FASTING URINE SUGAR (Sample Received On:12 Mar, 2025 7:55:00 AM)	NIL			Urine
THYROID PROFILE (T3 T4 TSH), (Sample Received On:12 Mar, 2025 7:55:00 AM) Lab ID No: LAB602989				
T3[Chemiluminescence]	1.380	ng/mL	0.970 - 1.69	Serum
T4[Chemiluminescence]	5.590	ug/dL	5.53 - 11.0	
TSH[Chemiluminescence]	4.972	micIU/mL	0.4001 - 4.049 1st Trimester : > 0.1298 - 3.120 2nd Trimester : >0.2749 -2.652 3rd Trimester :> 0.3127 -2.947	
PSA - TOTAL, (Sample Received On:12 Mar, 2025 7:55:00 AM) Lab ID No: LAB602989				
PSA - TOTAL[Chemiluminescence]	0.851	ng/ml	0 - 4	Serum

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Requesting Ward	:		
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BIOCHEMISTRY

Parameters	Observed Values	Units	Reference Range	Sample
GLYCATED HEMOGLOBIN (HBA1C), (Sample Received On:12 Mar, 2025 7:55:00 AM)				
GLYCATED HEMOGLOBIN (HBA1C)[Nephelometry]	5.8	%	"Non-Diabetic HbA1c < 5.6 Fasting plasma glucose <100 Pre - Diabetes HbA1c 5.7 - 6.4 Fasting plasma glucose 100 - 125 Diabetes HbA1c > 6.5 Fasting plasma glucose > 126"	Plasma(EDTA)
ESTIMATED AVERAGE GLUCOSE	120	mg/dL		

Note : Any condition altering red cell life will alter the GHB values. Low Hb% values may not correlate with GHB. GHB value should not be taken as a sole criteria for diagnosis. GHB gives average Blood Glucose level for the period of 10 - 12 wks & it need not correlate with blood sugar levels. For Geriatric group, HbA1c reference range depends upon comorbid conditions.

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Mobile No	: +918971480078	Reported on	: 12-03-2025 11:49
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Referred By	: DEEPAK (PRO)		

BIOCHEMISTRY

Parameters	Observed Values	Units	Reference Range	Sample
GLUCOSE POST PRANDIAL SUGAR (PPBS), (Sample Received On:12 Mar, 2025 10:46:32 AM) POST PRANDIAL BLOOD SUGAR[GOD-POD]	91	mg/dL	70 - 140	Serum

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BIOCHEMISTRY

Parameters	Observed Values	Units	Reference Range	Sample
POST PRANDIAL URINE SUGAR (Sample Received On:12 Mar, 2025 10:46:32 AM)	NIL			Urine

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ID: 2025022009170496
Name: Vital Signs™ 226 166 05
Age:
Gender:

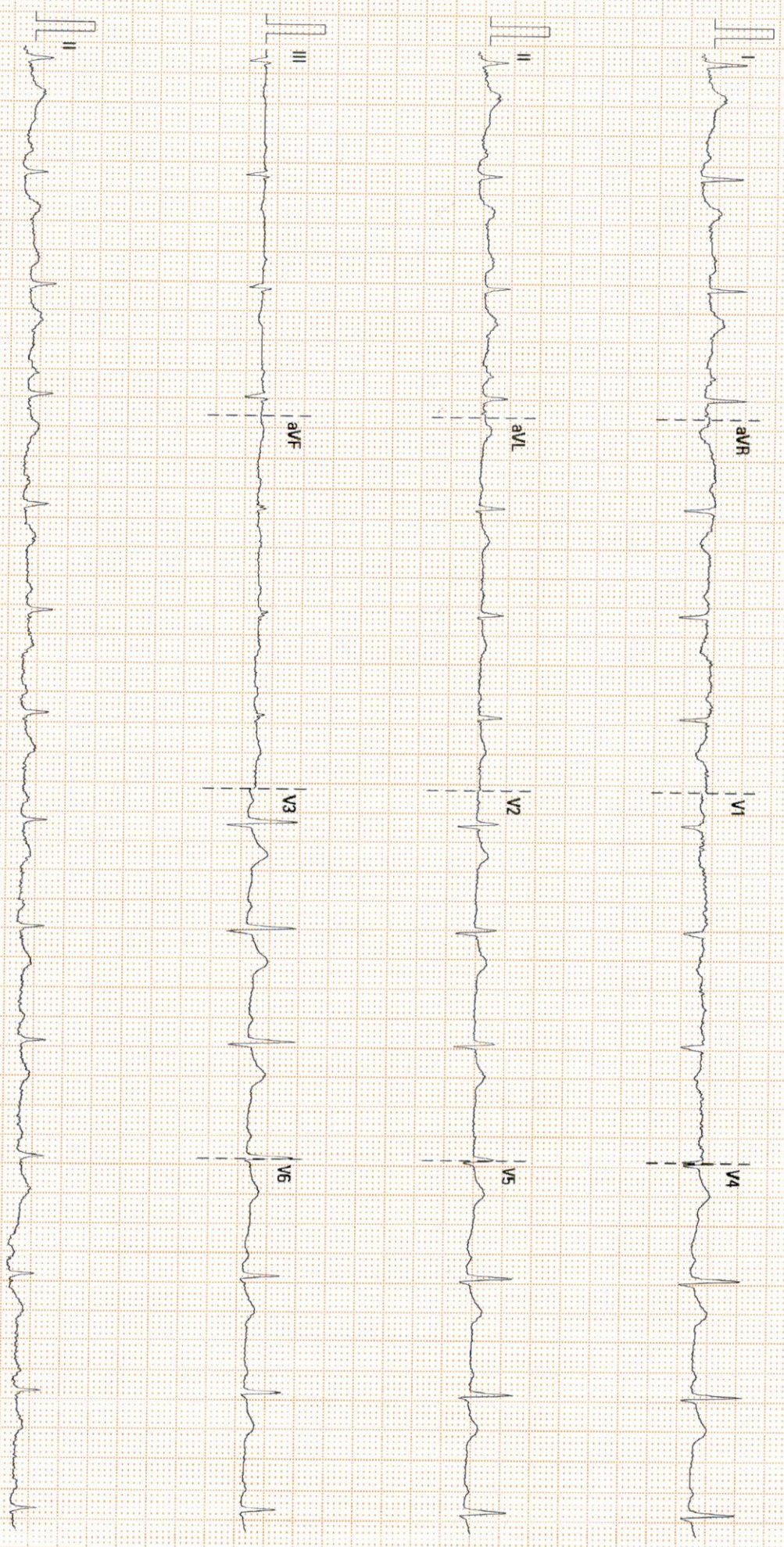
Mr. Muniraju R
Age/Sex: 40 Y/M
PTID: RPT1H201900042103

Birth Date: 04-09-1984

80 bpm
162 ms
70 ms
37/16/21 deg
P/QRS/T Axes
QTc/Hodges

Sinus rhythm
--- Interpretation made without knowing patient's gender/age ---
Normal ECG

Unconfirmed Diagnosis.



25 mm/s
10 mm/mV
50 Hz
BDR 35 Hz

02:10:00 V28.4.1
SN:FN 32040890



Dec 20, 2021 - Dec 19, 2025



COLOR DOPPLER ECHOCARDIOGRAPHY REPORT

NAME: MR. MUNIRAJU R

AGE/GENDER: 40Y/MALE

PTID : PTH202500042103

DATE: 12/03/2025

REFERRED BY: PACKAGE

INDICATION: Cardiac Evaluation

VALVES:

MITRAL VALVE : Normal, Trace MR
AORTIC VALVE : Trileaflet, Normal, No AS/AR
TRICUSPID VALVE : Normal, Trace TR
PULMONARY VALVE : Normal

CHAMBERS:

LEFT ATRIUM : Normal
RIGHT ATRIUM : Normal
LEFT VENTRICLE : Normal in size, Normal LV Systolic Function
RIGHT VENTRICLE : Normal

SEPTAE:

IVS : Grossly Intact
IAS : Grossly Intact

GREAT ARTERIES:

AORTA : Grossly Normal
PULMONARY ARTERY : Grossly Normal

PERICARDIUM : Nil

IVC : IVC 09mm, Normal and Collapsing >50%

PEOPLE TREE HOSPITALS
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PTH/GEN/18/Rev-1/17

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Dec 20, 2021 - Dec 19, 2025



MEASUREMENTS :

AO – 2.5cm LVID (d) – 4.7cm IVS (d) – 09mm PW (d) – 10mm

EF – 60%

LA – 3.0cm LVID (s) – 3.2cm IVS (s) – 15mm PW (s) – 14mm

DOPPLER DATA:

MITRAL VALVE : E – 0.80m/sec, A – 0.39m/sec, E/A – 2.04m/sec
AORTIC VALVE : AV Vmax – 1.09m/sec
PULMONIC VALVE : PV Vmax – 0.77m/sec
TRICUSPID VALVE : TR Vmax – 2.18m/sec + RAP(5mmHg), PASP=24mmHg

REGIONAL WALL MOTION ABNORMALITIES -- None

FINAL IMPRESSION:

- Normal Chambers & Dimensions
- No RWMA at Rest, LVEF- 60%
- Normal LV Systolic Function
- Preserved LV Diastolic Function
- Trace MR/TR
- No Clot/Vegetation/Effusion

DR. VINODH KUMAR K
MBBS, MD(General Medicine), DM Cardiology
FSCAI(USA), Interventional Cardiology(Spain)

DR. K MANJUNATH
NON-INVASIVE CARDIOLOGIST

Seema
Echocardiographer

PTH/GEN/18/Rev-1/17

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Touch • Move • Inspire

Radiology Report

Patient Name : Mr. Muniraju R **Age/Sex** : 40 Y/M **Order Date** : 12-03-2025 07:03
Ref by : **MR No.** : RPTH20190042103

USG ABDOMEN AND PELVIS

LIVER: Normal in size (14.1cms) and shows mild increase in echopattern. No focal lesions seen. Intrahepatic biliary radicals are normal. Portal vein appears normal.

GALL BLADDER: Distended, appears normal. No obvious calculi / pericholecystic fluid seen. Common bile duct is not dilated.

PANCREAS: Normal in size, shape & has uniform echogenicity.

SPLEEN: Normal in size (10.1cms) and echopattern. No focal lesions seen.

KIDNEYS: Both the kidneys are normal in position, size, shape and contour. Cortical echogenicity is normal, corticomedullary differentiation is well maintained.

RT.KIDNEY- 10.6cm in length and 1.5cm in parenchymal thickness. No calculi / hydronephrosis seen.

LT.KIDNEY- 10.5cm in length and 1.5cm in parenchymal thickness. No calculi / hydronephrosis seen.

URINARY BLADDER: Normal in outline and wall thickness. No calculi or mucosal irregularity seen.

PROSTATE: Normal in size and echotexture.

No free fluid / dilated / thickened bowel loops are noted.

IMPRESSION:
Grade I hepatic Steatosis



DR PRADEEP A V
MBBS MD DNB FFM
Ex SR AIIMS DELHI & NIMHANS
CONSULTANT RADIOLOGIST and
FETAL MEDICINE SPECIALIST

Radiology Report

Patient Name : Mr. Muniraju R **Age/Sex** : 40 Y/M **Order Date** : 12-03-2025 07:03
Ref by : **MR No.** : RPTH20190042103

X RAY CHEST PA VIEW

FINDINGS:

- **Mild inhomogeneous opacities seen in medial aspect of right lower zone.**
- Rest lung fields are clear.
- No mediastinal shift.
- Both the hila appear normal.
- CP angles are normal.
- Cardiac diameter is within normal limits.
- Visible bony thoracic cage is normal.

IMPRESSION:

- **Mild inhomogeneous opacities seen in medial aspect of right lower zone - ?fibroatelectactic changes.**

**Recommended clinical correlation and further evaluation.*



DR PRADEEP A V
MBBS MD DNB FFM
Ex SR AIIMS DELHI & NIMHANS
**CONSULTANT RADIOLOGIST and
FETAL MEDICINE SPECIALIST**

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CLINICAL PATHOLOGY

Parameters	Observed Values	Units	Reference Range	Sample
URINE ROUTINE AND MICROSCOPY (QUALITATIVE METHOD), (Sample Received On:12 Mar, 2025 7:55:00 AM)				
PHYSICAL EXAMINATION				
Volume	25	mL	NA	Urine
Colour	PALE YELLOW		Pale Yellow	
Appearance	CLEAR		Clear	
CHEMICAL EXAMINATION(Automated)[Reagent Strip Method]				
pH	6.0		5.0 - 8.0	
Specific Gravity	1.005		1.001 - 1.035	
Albumin	NIL		TRACE, - 0.15g/L PRESENT(1+) - 0.3g/L PRESENT(2+) - 1.0g/L PRESENT(3+) - 3.0g/L PRESENT(4+) - 20g/L	
Sugar	NIL		TRACE - 100mg/dl PRESENT(1+) - 200mg/dl PRESENT(2+) - 500mg/dl PRESENT(3+) - 1000mg/dl PRESENT(4+)2000mg/dl	
Ketone Bodies	NIL		NIL	
Nitrite	Negative		NA	
Bilirubin	Negative		Negative	
Urobilinogen	Normal		Normal	
MICROSCOPY[Manual Method]				
RBCs	NIL	/hpf	0 - 3/HPF	
Pus Cells	1-2	/hpf	0 - 5/HPF	
Epithelial Cells	1-2	/hpf	0 - 2/HPF	
Casts	NIL		NIL	
Crystals	NIL		NIL	
Others	NIL			

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