

Final Report

**DEPARTMENT OF LABORATORY MEDICINE**

Patient Name : Mr ravi kant pandey MRN : 15050000057516 Gender/Age : MALE , 37y (05/02/1986)

Collected On : 07/04/2023 09:16 AM Received On : 07/04/2023 09:36 AM Reported On : 07/04/2023 02:08 PM

Barcode : D62304070102 Specimen : Plasma Consultant : Dr. Alex Mathew(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9911269851

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>Fasting Blood Sugar (FBS)</b> (GOD/POD)	101.2	mg/dL	74.0-106.0
<b>Post Prandial Blood Sugar (PPBS)</b> (Enzyme Method (GOD POD)) Kindly repeat after proper meal	87 L	mg/dL	100.0-140.0
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
Cholesterol Total (Non LDL Selective Elimination, CHOD/POD)	194.9	mg/dL	<200.0
Triglycerides (LIPASE/GK/GPO/POD)	198.8 H	mg/dL	<150.0
HDL Cholesterol (HDLC) (Colorimetric (Phosphotungstic Acid Method))	32.1 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	162.8 H	mg/dL	<130.0
LDL Cholesterol (Turbidometric /Microtip)	138.60 H	mg/dL	<100.0
VLDL Cholesterol (Calculated)	39.8	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	6.1 H	-	<4.5
<b>THYROID PROFILE (T3, T4, TSH)</b>			
Tri Iodo Thyronine (T3) (ECLIA/ ELFA)	2.38	nmol/L	1.49-2.6
Thyroxine (T4) (ECLIA/ ELFA)	95.3	nmol/L	71.2-141.0
TSH (Thyroid Stimulating Hormone) (Electrochemiluminescence (ECLIA))	1.39	uIU/ml	0.465-4.68
<b>LIVER FUNCTION TEST(LFT)</b>			
Bilirubin Total (Azobilirubin Dyphylline)	0.51	mg/dL	0.2-1.3

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Conjugated Bilirubin (Direct) (Dual Wavelength Reflectance)	0.10	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.41	mg/dL	0.1-1.0
Total Protein (Biuret Method)	7.63	gm/dL	6.3-8.2
Serum Albumin (Bromcresol Green (BCG))	4.38	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.25	gm/dL	2.3-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.35	-	0.9-2.0
SGOT (AST) (P - Phosphate)	29.6	U/L	17.0-59.0
SGPT (ALT) (P - Phosphate)	32.0	U/L	<50.0
Alkaline Phosphatase (ALP) (PNPP With Amp Buffer)	85.3	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (GCNA)	22.1	U/L	15.0-73.0



Dr. Amit Samadhiya  
 MBBS, MD Biochemistry  
 JUNIOR CONSULTANT, MBBS, MD Biochemistry, DMC - 14287

**IMMUNOLOGY**

Test	Result	Unit	Biological Reference Interval
Prostate Specific Antigen (PSA) (ECLIA/ ELFA)	0.178	ng/mL	<4.0



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Test	HAEMATOLOGY		Biological Reference Interval
	Result	Unit	
<b>COMPLETE BLOOD COUNT (CBC)</b>			
Haemoglobin (Hb%) (Spectrophotometry)	17.2 H	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	5.48	10 <sup>6</sup> /mm <sup>3</sup>	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	52.6	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Calculated)	96	μm <sup>3</sup>	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	31.4	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.7	g/dL	32.0-36.0
Red Cell Distribution Width (RDW) (Calculated)	12.2	%	11.5-14.0
Platelet Count (Electrical Impedance)	276	10 <sup>3</sup> /mm <sup>3</sup>	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	6.1	10 <sup>3</sup> /mm <sup>3</sup>	4.0-11.0
<b>DIFFERENTIAL COUNT (DC)</b>			
Neutrophils (DHSS)	59.8	%	40.0-80.0
Lymphocytes (DHSS)	30.5	%	20.0-40.0
Monocytes (DHSS)	6.6	%	2.0-10.0

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Appointments

**1800-309-0309**

Emergencies

**73700-73700**

Patient Name : Mr ravi kant pandey MRN : 15050000057516 Gender/Age : MALE , 37y (05/02/1986)			
Eosinophils (DHSS)	2.2	%	1.0-6.0
Basophils (DHSS)	0.9	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	3.65	$10^3/\text{mm}^3$	2.0-7.5
Absolute Lymocyte Count (Calculated)	1.87	$\times 10^3 \text{cells}/\mu\text{l}$	1.0-3.0
Absolute Monocyte Count (Calculated)	0.41	$\times 10^3 \text{cells}/\mu\text{l}$	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.14	$\times 10^3 \text{cells}/\mu\text{l}$	0.02-0.5
Absolute Basophil Count (Calculated)	0.06	$\times 10^3 \text{cells}/\mu\text{l}$	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)	16 H	mm/hr	0.0-15.0

--End of Report--

*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 : 07/04/2023 09:16 AM Received On : 07/04/2023 09:36 AM Reported On : 07/04/2023 10:48 AM

Barcode : D62304070103 Specimen : Serum Consultant : Dr. Alex Mathew(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-003 Patient Mobile No : 9911269851

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>HBA1C</b>			
HbA1c (Enzymatic Method)	5.0	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	96.8	-	-

**Interpretation:**

- HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with 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 glycemc 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)	97.1	mg/dL	74.0-106.0
Blood Urea Nitrogen (BUN) (Urease, UV)	11.6	mg/dL	9.0-20.0

**SERUM CREATININE**

Serum Creatinine (Enzymatic Two Point Rate - Creatinine Amidohydrolase)	1.04	mg/dL	0.66-1.25
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eGFR (Calculated)

80.4 mL/min/1.73m<sup>2</sup>

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)	141.7	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.94	mmol/L	3.5-5.1
Serum Chloride (ISE Direct)	104.5	mmol/L	98.0-107.0
Serum Bicarbonate Level (Phosphoenolpyruvate Carboxylase /Mdh Enzymatic End Piont Assay)	25.5	mmol/L	22.0-30.0
Serum Calcium (Arsezano III Dye Binding Method)	9.34	mg/dL	8.4-10.2
Serum Magnesium (Formazan Dye)	2.04	mg/dL	1.6-2.3
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	6.85	mg/dL	3.5-8.5
Serum Phosphorus (Phosphomolybdate Reduction)	3.61	mg/dL	2.5-4.5

--End of Report--



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- Results relate to the sample only.
- Kindly correlate clinically.





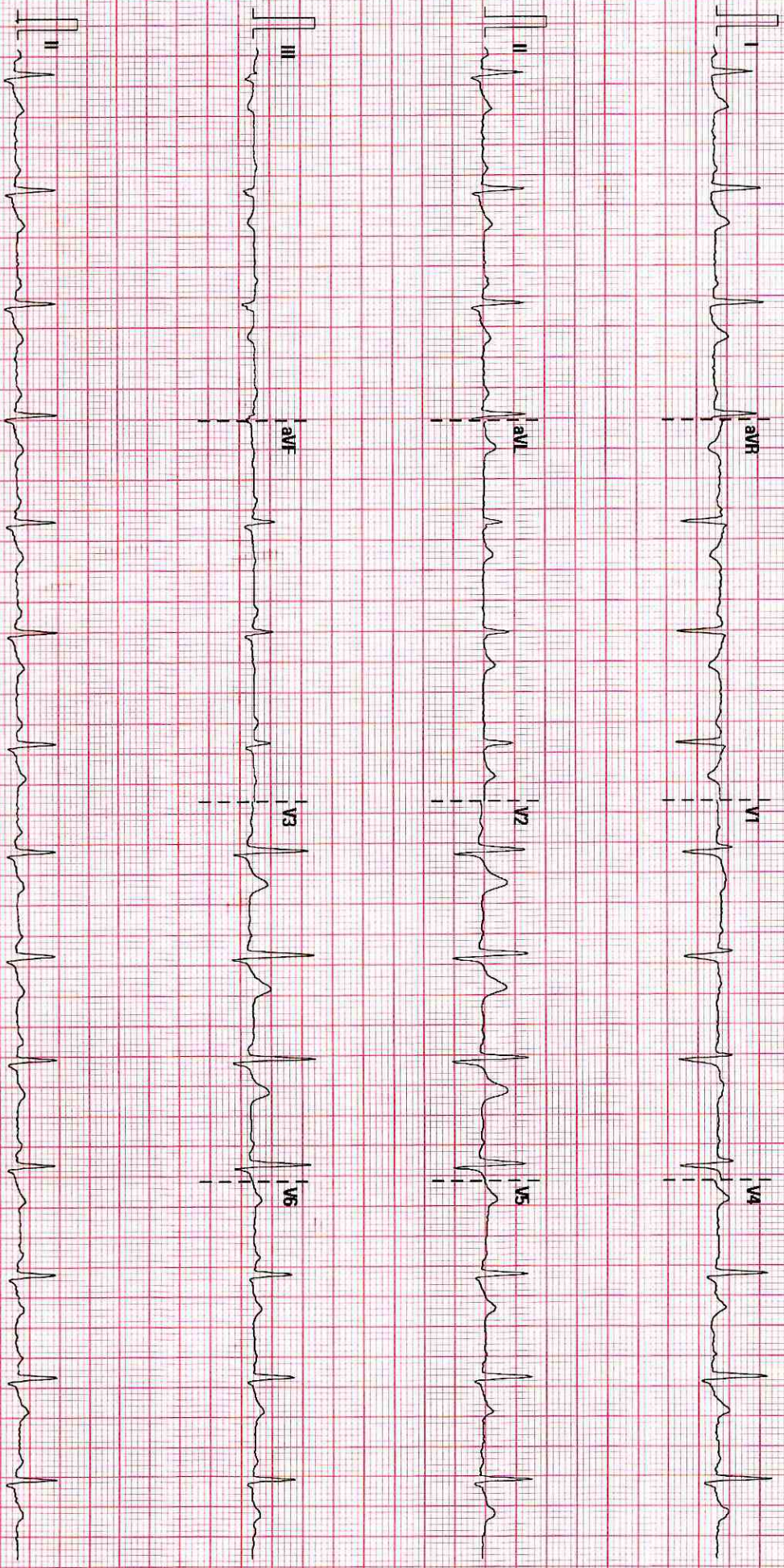
ID: 150500005/516  
Name: RAVI KANT PANDEY  
Age: 37 Years  
Gender: Male

2023-04-07 09:47:35

Vent. Rate 84 bpm  
PR Interval 150 ms  
QRS Duration 86 ms  
QT/QTc Interval 334/376 ms  
P/QRS/T Axes 58/15/3 deg  
OTc: Hodges

Sinus rhythm  
ST functional depression is nonspecific  
Borderline ECG

Unconfirmed Diagnosis



25 mm/s

10 mm/mV

50 Hz

BDR 20 Hz

02.07.00V28.4.1

SN.F.N. 91.01.4601





## Transthoracic Echo color Doppler Report

<b>Patient's Name</b>	Mr. Ravi Kant Pandey	<b>Age/Sex</b>	37Years/Male
<b>Ref By:</b>	Dr. Alex Mathew	<b>Date:</b>	07/04/2023
<b>MRN No.</b>	15050000057516	<b>PVT/MRD/IPD</b>	Mediwheel full body Health Check Up

### Final Interpretation

1. Normal sized cardiac chamber dimensions.
2. No Regional wall motion abnormality, LVEF = 55-60%.
3. MIP - Normal
4. LVEDP – Normal
5. Normal RV systolic function. TAPSE - 2.0cm.
6. Trace MR, No AR, No PR, Trace TR (PASP - 15mmHg).
7. No clot/vegetation/pericardial effusion.
8. IVC normal with >50% collapsibility with respiration.
9. No coarctation of aorta.

### Morphology :-

- ❖ Left Ventricle: It is normal sized.
- ❖ 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 valve appears tricuspid & cusps are normal.
- ❖ Mitral Valve: open normally, Subvalvular apparatus appears normal.
- ❖ Tricuspid valve: It appears normal.
- ❖ Pulmonic Valve: It appears normal.
- ❖ Main Pulmonary artery & its branches: Appear normal.
- ❖ Pericardium: There is no pericardial effusion.

### DOPPLER/COLOUR FLOW

<u>VALVE</u>	<u>MAX. VELOCITY cm/sec</u>	<u>PG/MG mmHg</u>	<u>REGURGITATION</u>
MITRAL	E- 89cm/sec, A- 71cm/sec		Trace MR
AORTIC	112		No AR
TRICUSPID	160	(PASP – 15mmHg)	Trace TR
PULMONARY	86		No PR

Contd.....



H - 2008 - 0023  
Nov 21, 2020 - Nov 20, 2023  
Since Nov 21, 2008

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**M MODE & 2D Measurements**

	Observed values	Normal values
Aortic root diameter	24	20-34(mm)
Left atrium size	30	19-40(mm)
Left Ventricular Size diastole	47	ED 37-56(mm)
Left Ventricular Size systole	29	ES 22-40 (mm)
Inter ventricular Septum diastole	07	ED 6-10(mm)
Posterior Wall thickness diastole	07	ED 6-10(mm)
End Diastolic Volume	104	
End Systolic Volume	32	
LV Ejection Fraction (%)	55-60%	55%-75%

**2D EXAMINATION DESCRIPTION**

2D and M Mode examination done in multiple views revealed fair movement of both mitral leaflets. Aortic valve has three cusps & cusps are normal. Tricuspid valve leaflets move normally. Pulmonary valve is normal. Ascending Aorta is normal. Interatrial septum and interventricular septum are intact.

Dimension of left atrium and left ventricle are normal. No regional wall motion abnormality seen. Global LVEF is 55-60%. No intracardiac mass or thrombus seen.

**Dr. Anand Kumar Pandey**  
Director & Senior Consultant  
Interventional Cardiology

**Dr. Amrendra Kumar Pandey**  
Consultant Cardiology

  
**Dr. Sejal Gupta**  
Consultant Cardiologist

**Dr. Rakesh Bachloo**  
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.**



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<b>Patient Name</b>	ravi pandey	<b>Requested By</b>	Dr. Alex Mathew
<b>MRN</b>	15050000057516	<b>Procedure DateTime</b>	2023-04-07 11:03:20
<b>Age/Sex</b>	37Y 2M/Male	<b>Hospital</b>	NH-Dharamshila

**Investigation No.3997**

**ULTRASONOGRAPHY WHOLE ABDOMEN**

**Liver :** Shows a normal contour & echopattern. 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, contour and echopattern.

**The right kidney :** The right kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 10.0 x 4.4 cm.

**The left kidney :** The left kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 9.7 x 4.7 cm.

Urinary bladder is normal in wall & contents.

Prostate is normal in size, shape and parenchymal echopattern. It measures 14 gms.

No free fluid seen in the abdomen.

**Impression :** Normal study.

**Dr. SHAILENDRA KR. BHARDWAJ**  
MBBS, DNB (Radiodiagnosis)  
CONSULTANT RADIOLOGIST  
DMC - 46531





<b>Patient Name</b>	ravi pandey	<b>Requested By</b>	Dr. Alex Mathew
<b>MRN</b>	15050000057516	<b>Procedure DateTime</b>	2023-04-07 18:59:56
<b>Age/Sex</b>	37Y 2M/Male	<b>Hospital</b>	NH-Dharamshila

Inv. No.: 9702

**X-RAY CHEST (PA)**

- Lung fields are clear.
- Costophrenic angles are clear.
- Both domes of diaphragm are normal.
- Mediastinum and both hila are within normal limits.
- Cardiac size is normal.
- Bones under review are unremarkable.

**Impression:** Normal Study.

**Dr. (Col.) Vikas Rastogi**  
MBBS, MD  
SR. CONSULTANT RADIOLOGIST  
DML 89340

