

DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr Neeraj MRN : 15050000159793 Gender/Age : MALE , 35y (09/03/1988)

Collected On : 12/08/2023 10:44 AM Received On : 12/08/2023 10:57 AM Reported On : 12/08/2023 12:45 PM

Barcode : D62308120129 Specimen : Serum Consultant : Dr. Alex Mathew(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9654719347

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
<b>Fasting Blood Sugar (FBS)</b> (GOD/POD)	104	mg/dL	74.0-106.0
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
Cholesterol Total (Non LDL Selective Elimination, CHOD/POD)	165.6	mg/dL	<200.0
Triglycerides (LIPASE/GK/GPO/POD)	93.6	mg/dL	<150.0
HDL Cholesterol (HDL) (Colorimetric (Phosphotungstic Acid Method))	40.4	mg/dL	40.0-60.0
Non-HDL Cholesterol	125.2	mg/dL	<130.0
LDL Cholesterol (Turbidometric /Microtip)	<b>108.25 H</b>	mg/dL	<100.0
VLDL Cholesterol (Calculated)	18.7	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	4.1	-	<4.5
<b>THYROID PROFILE (T3, T4, TSH)</b>			
Tri Iodo Thyronine (T3) (ECLIA/ ELFA)	1.80	nmol/L	1.49-2.6
Thyroxine (T4) (ECLIA/ ELFA)	<b>56.9 L</b>	nmol/L	71.2-141.0
TSH (Thyroid Stimulating Hormone) (Electrochemiluminescence (ECLIA))	<b>27.1 H</b>	uIU/ml	0.465-4.68
<b>LIVER FUNCTION TEST(LFT)</b>			
Bilirubin Total (Azobilirubin Dyphylline)	0.81	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength Reflectance)	0.27	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.54	mg/dL	0.1-1.0

Dharamshila Narayana Superspeciality Hospital

(A Unit of Dharamshila Cancer Foundation and Research Centre)  
(Hospital Reg No : DHS/NH/144 | PAN No : AAATD0451G | GST No : 07AAATD0451G1Z7)

Hospital Address: Vasundhara Enclave, Near New Ashok Nagar Metro Station, Delhi 110 096

Tel +91 11 6904-5555 | [www.narayanahealth.org](http://www.narayanahealth.org) | [info.dnsh@narayanahealth.org](mailto:info.dnsh@narayanahealth.org)

Appointments

**1800-309-0309**

Emergencies

**73700-73700**

Patient Name : Mr Neeraj MRN : 15050000159793 Gender/Age : MALE , 35y (09/03/1988)

Total Protein (Buret Method)	7.59	gm/dL	6.3-8.2
Serum Albumin (Bromocresol Green (BCG))	4.38	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.21	gm/dL	2.3-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.36	-	0.9-2.0
SGOT (AST) (P - Phosphate)	31.0	U/L	17.0-59.0
SGPT (ALT) (P - Phosphate)	41.4	U/L	<50.0
Alkaline Phosphatase (ALP) (PNPP With Amp Buffer)	97.0	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (GCNA)	25.5	U/L	15.0-73.0



Dr. Jyoti Bala

Associate Consultant Biochemistry Reg No. :DMC 83337

**HAEMATOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>COMPLETE BLOOD COUNT (CBC)</b>			
Haemoglobin (Hb%) (Spectrophotometry)	15.3	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.80	10 <sup>6</sup> /mm <sup>3</sup>	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	43.5	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Calculated)	91	µm <sup>3</sup>	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	31.9	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	35.2	g/dL	32.0-36.0

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Red Cell Distribution Width (RDW) (Calculated)	<b>14.1 H</b>	%	11.5-14.0
Platelet Count (Electrical Impedance)	150	10 <sup>3</sup> /mm <sup>3</sup>	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	6.0	10 <sup>3</sup> /mm <sup>3</sup>	4.0-11.0

**DIFFERENTIAL COUNT (DC)**

Neutrophils (DHSS)	51.5	%	40.0-80.0
Lymphocytes (DHSS)	<b>42.4 H</b>	%	20.0-40.0
Monocytes (DHSS)	2.8	%	2.0-10.0
Eosinophils (DHSS)	3.2	%	1.0-6.0
Basophils (DHSS)	0.1	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	3.09	10 <sup>3</sup> /mm <sup>3</sup>	2.0-7.5
Absolute Lymphocyte Count (Calculated)	2.55	x10 <sup>3</sup> cells/ $\mu$ l	1.0-3.0
Absolute Monocyte Count (Calculated)	<b>0.17 L</b>	x10 <sup>3</sup> cells/ $\mu$ l	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.2	x10 <sup>3</sup> cells/ $\mu$ l	0.02-0.5
Absolute Basophil Count (Calculated)	<b>0.01 L</b>	x10 <sup>3</sup> cells/ $\mu$ l	0.02-0.1

*As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.*

<b>Erythrocyte Sedimentation Rate (ESR)</b>	<b>16.0 H</b>	mm/hr	0.0-15.0
<small>(Modified Westergren Method)</small>			

**--End of Report--**

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Patient Name : Mr Neeraj MRN : 15050000159793 Gender/Age : MALE , 35y (09/03/1988)

*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.



**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr Neeraj MRN : 15050000159793 Gender/Age : MALE , 35y (09/03/1988)

Collected On : 12/08/2023 10:44 AM Received On : 12/08/2023 10:57 AM Reported On : 12/08/2023 12:47 PM

Barcode : D62308120130 Specimen : Whole Blood Consultant : Dr. Alex Mathew(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9654719347

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>HBA1C</b>			
HbA1c (HPLC)	<b>6.3 H</b>	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	134.11	-	-

**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 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)	101.3	mg/dL	74.0-106.0
Blood Urea Nitrogen (BUN) (Urease, UV)	16.0	mg/dL	9.0-20.0

**SERUM CREATININE**

Serum Creatinine (Enzymatic Two Point Rate - Creatinine Amidohydrolase)	0.77	mg/dL	0.66-1.25
eGFR (Calculated)	115.0	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)	142.2	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.09	mmol/L	3.5-5.1
Serum Chloride (ISE Direct)	103.0	mmol/L	98.0-107.0
Serum Bicarbonate Level (Phosphoenolpyruvate Carboxylase /Mdh Enzymatic End Point Assay)	24.2	mmol/L	22.0-30.0
Serum Calcium (Arsezano III Dye Binding Method)	9.11	mg/dL	8.4-10.2
Serum Magnesium (Formazan Dye)	2.02	mg/dL	1.6-2.3
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	6.47	mg/dL	3.5-8.5
Serum Phosphorus (Phosphomolybdate Reduction)	3.92	mg/dL	2.5-4.5

*Jyoti*

Dr. Jyoti Bala

Associate Consultant Biochemistry Reg No. :DMC 83337

**BLOOD BANK LAB**

Test	Result	Unit
<b>BLOOD GROUP &amp; RH TYPING</b>		
Blood Group	B	-
RH Typing	Positive	-

--End of Report-

Patient Name : Mr Neeraj MRN : 15050000159793 Gender/Age : MALE , 35y (09/03/1988)

*Manoj Rawat*

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

**Note**

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



## Transthoracic Echo color Doppler Report

Patient's Name	Mr. Neeraj	Age/Sex	35Years/Male
Ref By:	Dr. Alex Mathew	Date:	12/08/2023
MRN No.	15050000159793	PVT/MRD/IPD	Health Check Up

### M-Mode/2-D Description

	Observed values	Normal values
Aortic root diameter diastole	23	20-36 (mm)
Left atrium size systole	30	19-40(mm)
Left Ventricular Size diastole	46	ED 37-56(mm)
Left Ventricular Size systole	21	ES 22-40 (mm)
Inter ventricular Septum diastole	09	ED 6-11(mm)
Posterior Wall thickness diastole	07	ED 6-11(mm)
End diastolic Volume	-	
End Systolic Volume	-	

- ❖ **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.....*

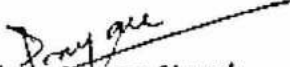


**DOPPLER/COLOUR FLOW**

<b><u>VALVE</u></b>	<b><u>MAX. VELOCITY cm/sec</u></b>	<b><u>PG/MG mmHg</u></b>	<b><u>Regurgitation Severity</u></b>
MITRAL	E- 74cm/sec, A- 49cm/sec		Trace MR
AORTIC	99		No AR
TRICUSPID	217	(PASP -24 mmHg)	Mild TR
PULMONARY	51		No PR

**FINAL INTERPRETATION**

- ❖ No regional wall motion abnormality. Global LVEF= 60%.
- ❖ Normal sized all cardiac chambers dimensions.
- ❖ Normal RV systolic function.(TAPSE = 2.3cm)
- ❖ Mitral leaflets are normal. Trace MR.
- ❖ Aortic cusps are normal. No AS. No AR.
- ❖ Mild TR. (PASP = 24mmHg). No PR.
- ❖ MIP - Normal.
- ❖ No Intracardiac clot/mass/Vegetation/pericardial effusion.
- ❖ IVC size is 14mm with normal respiratory variation.

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

**Dr. Biprajit Parbat**  
 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.

<b>Patient Name</b>	Abhishek Kumar	<b>Requested By</b>	Dr. Alex Mathew
<b>MRN</b>	15050000079688	<b>Procedure DateTime</b>	2023-08-12 13:47:07
<b>Age/Sex</b>	33Y 7M/Male	<b>Hospital</b>	NH-Dharamshila

Inv. No.: 23685

**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

<b>Patient Name</b>	Abhishek Kumar	<b>Requested By</b>	Dr. Alex Mathew
<b>MRN</b>	15050000079688	<b>Procedure DateTime</b>	2023-08-12 13:34:05
<b>Age/Sex</b>	33Y 7M/Male	<b>Hospital</b>	NH-Dharamshila

**Investigation No. 8579**

**ULTRASONOGRAPHY WHOLE ABDOMEN**

**Liver** : is normal in size (13.5 cm) with 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 9.0 x 3.6 cm.

**The left kidney** : The left kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 9.2 x 4.3 cm.

Urinary bladder is normal in wall & contents.

Prostate is normal in size, shape and parenchymal echopattern. It measures 12.6 gms.

No ascites seen.

**Impression** : Normal study.



**Dr. HARMEET KAUR**  
MBBS MD (Radiodiagnosis)  
CONSULTANT RADIOLOGIST

DMC - 63518

ID: 15050000079688  
Name: abhishek kumar  
Age: 33 Years  
Gender: Male

12-08-2023 11:15:00 AM

Vent. Rate  
PR Interval  
QRS Duration  
QT/QTc Interval  
P/QRST Axes

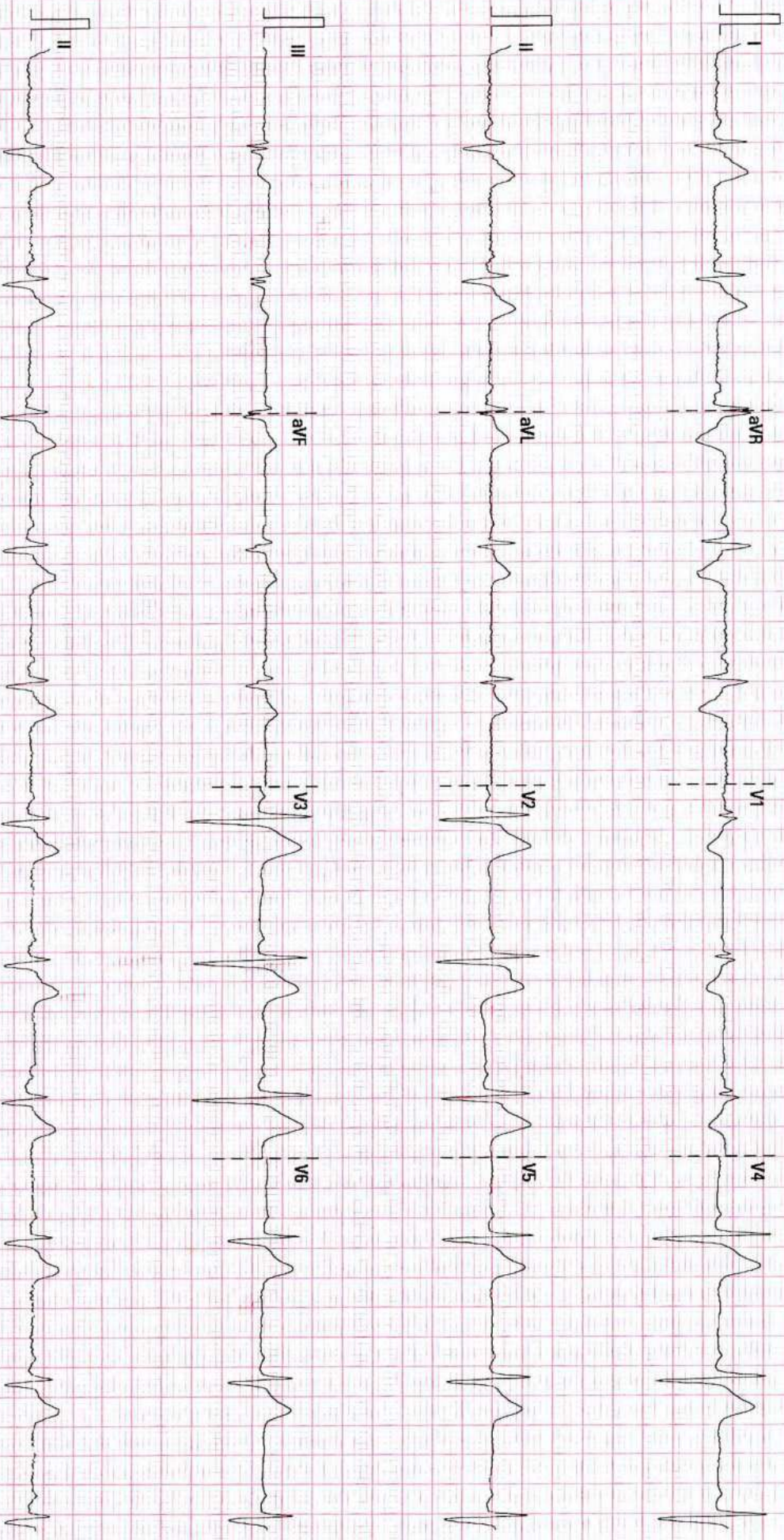
65 bpm  
140 ms  
98 ms  
352/361 ms  
24/-36/24 deg

Sinus rhythm  
Left axis deviation  
rS(V1) - probable normal variant  
Widespread ST elevation suggests early repolarization

Unconfirmed Diagnosis

Borderline ECG

Dr:Chodges



25 mm/s  
10 mm/mV  
50 Hz  
800 20 Hz

02 07 00 V28 4 1  
SN 1 FA 9101 4501