

PROVISIONAL

# ADULT TRANS-THORACIC ECHO REPORT



Multispeciality Clinic

Unit of Narayana Health

PATIENT NAME : Mr Abhinav Kumar  
GENDER/AGE : Male, 37 Years  
OPERATION : Op

PATIENT MRN : 20100000017546  
PROCEDURE DATE : 14/08/2023 11:55 AM  
REQUESTED BY : Dr. S Shreyas



INDICATIONS : CHEST PAIN

PREVIOUS ECHO REPORT : NO REPORTS

VITAL PARAMETERS : HR (BPM) :90, SINUS RHYTHM, BP (MMHG) : -  
WINDOW : SUBOPTIMAL

IMPRESSION  
• NORMAL CHAMBERS DIMENSION  
• NORMAL VALVES  
• NORMAL PA PRESSURE  
• NO RWMA  
• NORMAL LV SYSTOLIC FUNCTION  
• LVEF – 60%

## FINDINGS

### CHAMBERS

LEFT ATRIUM

: NORMAL SIZED  
AP DIAMETER(MM): 28

RIGHT ATRIUM

: NORMAL SIZED  
RAP(MMHG): 5

LEFT VENTRICLE

: NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION

LVIDD(MM)	: 43	IVSD(MM)	: 10	EDV(ML)	: 95
LVIDS(MM)	: 32	LVPWD(MM)	: 11	ESV(ML)	: 28
E/A RATIO	: 0.8	E/E'(AVERAGE)	:	LVEF(%)	: 60

/0.6

RIGHT VENTRICLE

: NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION  
TAPSE(MM): 23

IVOT/RVOT

: NORMAL

WMA

: NO REGIONAL WALL MOTION ABNORMALITIES

### VALVES

MITRAL

: NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION. SUB VALVAR STRUCTURES ARE NORMAL

AORTIC

: NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION, PG = 4MMHG

TRICUSPID

: NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION. SUB VALVAR STRUCTURES ARE NORMAL

PULMONARY

: NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION, PG = 2MMHG

PERICARDIUM

: INTACT

PERICARDIUM

: INTACT

Page 1 of 2

Narayana Multispeciality Clinic

Unit of Narayana Health (Narayana Hrudayalaya Limited) CIN: L85110KA2000PLC027497

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Address: #43/A-B, 1st Floor, BDA Complex, 6th Sector, HSR Layout, Bangalore - 560 102

+91-080 2572 7334, [www.narayanahealth.org](http://www.narayanahealth.org)

Appointments

**1800-309-0309 (Toll Free)**

Emergencies

**97384-97384**

HINAV KUMAR (20100000017546)

**IES AND VEINS**

- : NORMAL, LEFT AORTIC ARCH, ASCENDING AORTA = 26MM
- : NORMAL SIZE
- PA PRESSURE: NORMAL, PASP(MMHG): 23
- : NORMAL SIZE & COLLAPSIBILITY
- IVC SIZE(MM): 11

**ARDIUM**

: NORMAL PERICARDIAL THICKNESS. NO EFFUSION

**ACARDIAC MASS**

: NO TUMOUR, THROMBUS OR VEGETATION SEEN

*D/B: lc lead*

SHREYAS  
NG CONSULTANT

8/2023 11:55 AM

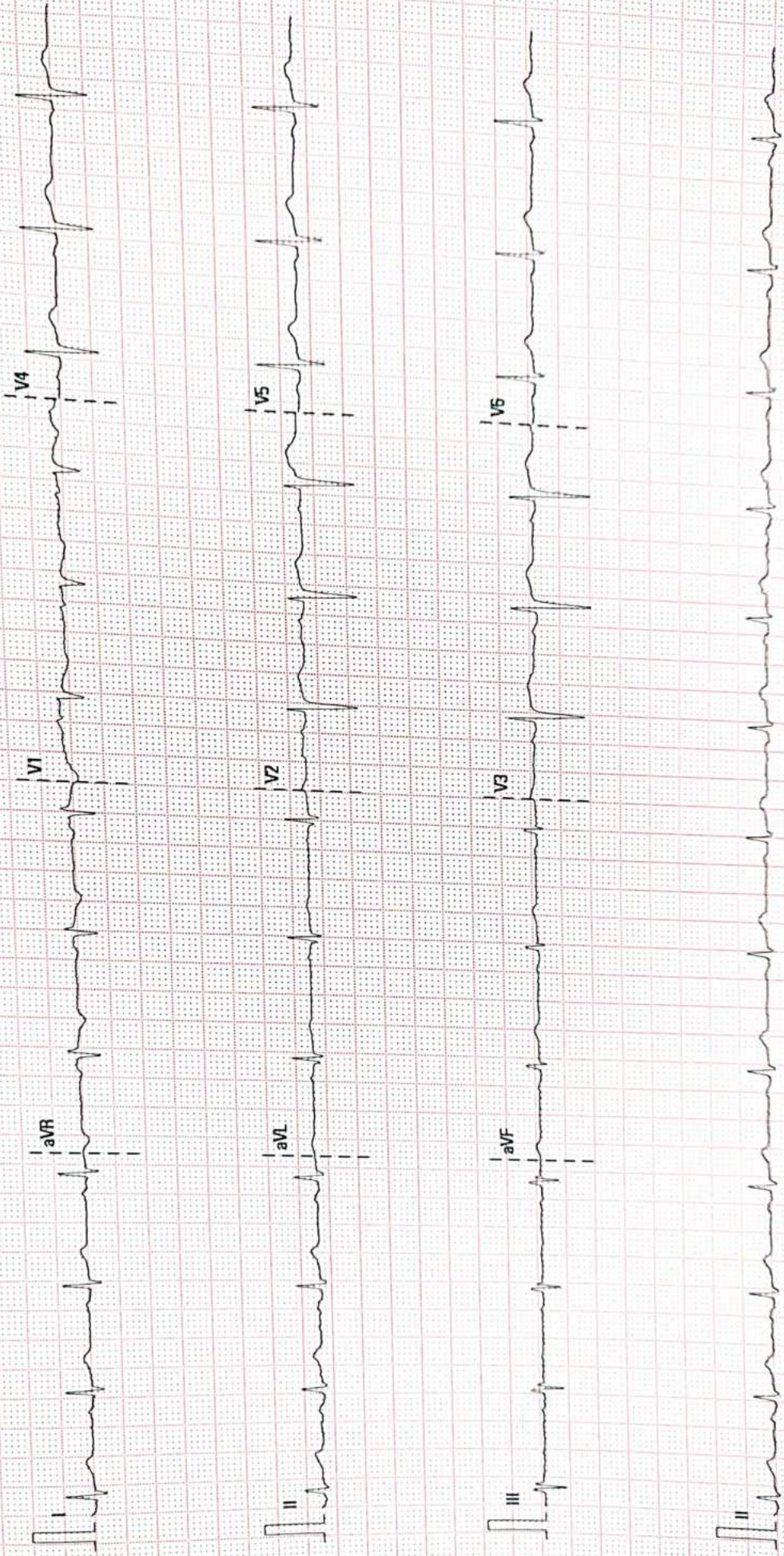
PREPARED BY : KARNE KAMALA(369833)  
 OPERATED BY : KARNE KAMALA(369833)

PREPARED ON : 14/08/2023 11:57 AM  
 GENERATED ON : 14/08/2023 11:57 AM

Name: 37 years  
Age: Male  
Gender:

QRS Duration  
Q/QTc Interval  
P/QRS/T Axes  
QTc Hodges

358/388 ms  
31/31/37 deg



25 mm/s

50 Hz

8DR 35 Hz

Narayana Multiprocity Clinic

02.10.00.V28.4.1

SN.FN.25035565

Patient Name	MR ABHINAV KUMAR	Requested By	
MRN	20100000175465	Procedure DateTime	14-08-2023 10:31
Age/Sex	37Y/Male	Hospital	NH-HSR CLINIC

**CHEST RADIOGRAPH (PA VIEW)**

**CLINICAL DETAILS:** For executive health checkup.

**FINDINGS:**

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Right diaphragmatic dome is elevated.

**IMPRESSION:**

- Clear lungs.
- Elevated right diaphragmatic dome.



**Dr. Tanuj Gupta MBBS, DMRD, DNB**  
Lead and Senior Consultant Radiologist

\* This is a digitally signed valid document. Reported Date/Time: 14-08-2023 11:15

*This report has been generated from NH Teleradiology 24/7, a service of Narayana Health*

*-- End of Report --*

Page 1 of 1

**Narayana Multispeciality Clinic**

(A unit of Narayana Hrudayalaya Limited) CIN: LB5110KA2000PLC027497

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Address: #43/A-B, 1st Floor, BDA Complex, 6th Sector, HSR Layout, Bangalore - 560 102

Tel: +91-080 2572 7334, [www.narayanahealth.org](http://www.narayanahealth.org)

Appointments

**1800-309-0309 (Toll Free)**

Emergencies

**97384-97384**

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 09:48 AM Received On : 14/08/2023 10:47 AM Reported On : 14/08/2023 11:35 AM

Barcode : 212308140018 Specimen : Whole Blood Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
<b>COMPLETE BLOOD COUNT (CBC)</b>			
Haemoglobin (Hb%) (Oxymethemoglobin Method)	13.7	g/dL	13.0-17.0
Red Blood Cell Count (Coulter Principle/Electrical Impedance)	<b>5.87 H</b>	Million/ul	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	42.6	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	<b>73 L</b>	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	<b>23.3 L</b>	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.1	g/L	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	<b>16.5 H</b>	%	11.6-14.0
Platelet Count (Coulter Principle/Electrical Impedance)	299	Thous/ $\mu$ L	150.0-450.0
Total Leucocyte Count(WBC) (Coulter Principle /Electrical Impedance)	8.0	Thous/cumm	4.0-10.0
<b>DIFFERENTIAL COUNT (DC)</b>			
Neutrophils	54.7	%	35.0-66.0
Lymphocytes	38.2	%	20.0-40.0
Monocytes	4.6	%	2.0-10.0
Eosinophils	2.4	%	1.0-6.0

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Basophils	0.1	%	0.0-1.0
Absolute Neutrophil Count	4.38	-	2.0-7.0
Absolute Lymphocyte Count	<b>3.06 H</b>	-	1.0-3.0
Absolute Monocyte Count	0.37	-	0.2-1.0
Absolute Eosinophil Count	0.2	-	0.02-0.5
Absolute Basophil Count	<b>0.01 L</b>	-	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.*

--End of Report--

*Seema S*

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

**Note**

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 09:48 AM Received On : 14/08/2023 10:47 AM Reported On : 14/08/2023 12:06 PM

Barcode : 202308140030 Specimen : Whole Blood Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
<b>HBA1C</b>			
HbA1c	<b>5.9 H</b>	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.40 Diabetes: => 6.5 ADA standards: = 2020
Estimated Average Glucose	122.63	%	-

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.

--End of Report-

*Seema S*

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 09:48 AM Received On : 14/08/2023 10:47 AM Reported On : 14/08/2023 01:01 PM

Barcode : 212308140020 Specimen : Whole Blood Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

LAB - BLOOD BANK

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

--End of Report-

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

Note

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





## DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 09:48 AM Received On : 14/08/2023 10:47 AM Reported On : 14/08/2023 12:00 PM

Barcode : 212308140019 Specimen : Whole Blood - ESR Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

### HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR)	10	mm/1hr	0.0-10.0

--End of Report--

*Seema S*

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

#### Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 09:48 AM Received On : 14/08/2023 10:47 AM Reported On : 14/08/2023 11:49 AM

Barcode : 202308140029 Specimen : Plasma Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
<b>Fasting Blood Sugar (FBS)</b> (Hexokinase)	99	mg/dL	ADA standards 2020 =>126 : Diabetes 70 to 99 : Normal 100 to 125 : Pre-diabetes

--End of Report--

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 12:03 PM Received On : 14/08/2023 01:45 PM Reported On : 14/08/2023 02:31 PM

Barcode : 202308140041 Specimen : Plasma Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Glucose Oxidase, Peroxidase)	105	mg/dL	ADA standards 2020 =>200 : Diabetes 70 to 139 : Normal 140 to 199 : Pre-diabetes

--End of Report--

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

Note

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



**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 09:48 AM Received On : 14/08/2023 10:47 AM Reported On : 14/08/2023 12:31 PM

Barcode : 202308140031 Specimen : Serum Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>SERUM CREATININE</b>			
Serum Creatinine (Enzymatic Method (hydrolase, Oxidase, Peroxidase))	0.99	mg/dL	0.66-1.25
eGFR (Calculated)	85.1	mL/min/1.73m2	Indicative of renal impairment : < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.
<b>Blood Urea Nitrogen (BUN)</b> (Enzymatic Method (uricase))	13.00	mg/dL	9.0-20.0
<b>Serum Uric Acid</b> (Uricase, UV)	8.2	mg/dL	3.5-8.5
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
Cholesterol Total (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	<b>228 H</b>	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides (Enzymatic Method)	<b>163 H</b>	mg/dL	Both: Normal: < 150 Both: Borderline: 150-199 Both: High: 200-499 Both: Very High: > 500
HDL Cholesterol (HDLC) (Direct Method)	49	mg/dL	40.0-60.0
Non-HDL Cholesterol	<b>179.0 H</b>	mg/dL	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: => 220
LDL Cholesterol (Direct Method)	<b>153.36 H</b>	mg/dL	Both: Optimal: < 100 Both: Near to above optimal: 100-129 Both: Borderline High: 130-159 Both: High: 160-189 Both: Very High: > 190
VLDL Cholesterol (Calculated)	33	mg/dL	0.0-40.0

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Cholesterol /HDL Ratio (Calculated)	4.7	-	0.0-5.0
-------------------------------------	-----	---	---------

**LIVER FUNCTION TEST(LFT)**

Bilirubin Total (Diazo Method)	0.59	mg/dL	0.2-1.3
--------------------------------	------	-------	---------

Conjugated Bilirubin (Direct) (Modified Diazo Method)	0.2	mg/dL	0.0-0.3
---	-----	-------	---------

Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.39	mg/dL	0.0-1.1
---	------	-------	---------

Total Protein (Biuret Method )	7.7	g/dL	6.3-8.2
--------------------------------	-----	------	---------

Serum Albumin (PCP Dye Binding Method)	4.2	gm/dL	3.5-5.0
--	-----	-------	---------

Serum Globulin (Calculated)	3.5	gm/dL	2.0-3.5
-----------------------------	-----	-------	---------

Albumin To Globulin (A/G)Ratio (Calculated)	1.2	-	1.0-2.1
---	-----	---	---------

SGOT (AST) (UV With P5P)	39	U/L	17.0-59.0
--------------------------	----	-----	-----------

SGPT (ALT) (UV With P5P)	44	U/L	<50.0
--------------------------	----	-----	-------

Alkaline Phosphatase (ALP) (PNPP With AMP Buffer)	99	U/L	38.0-126.0
---	----	-----	------------

Gamma Glutamyl Transferase (GGT) (Enzymatic (Gamma Glutamyl Carboxynitrilide))	55	U/L	15.0-73.0
--	----	-----	-----------

**THYROID PROFILE (T3, T4, TSH)**

Tri Iodo Thyronine (T3) (Chemiluminescence Immuno Assay (CLIA))	1.55	ng/mL	0.6-1.8
---	------	-------	---------

Thyroxine (T4) (Chemiluminescence Immuno Assay (CLIA))	8.11	µg/dl	3.2-12.6
--	------	-------	----------

TSH (Thyroid Stimulating Hormone) (Chemiluminescence Immuno Assay (CLIA))	2.544	µIU/mL	0.4-4.049
---	-------	--------	-----------

--End of Report--

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

*Seema S*

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

**Note**

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 09:48 AM Received On : 14/08/2023 10:47 AM Reported On : 14/08/2023 11:52 AM

Barcode : 222308140011 Specimen : Urine Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
------	--------	------	-------------------------------

URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume	30	ml	-
Colour	Pale Yellow	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction)	5.5	-	4.8-7.5
Sp. Gravity	1.025	-	-
Protein	Negative	-	Negative
Urine Glucose	Negative	-	Negative
Ketone Bodies	Negative	-	Negative
Bile Salts	Negative	-	Negative
Bile Pigment (Bilirubin)	Negative	-	Negative
Urobilinogen	Normal	-	Normal
Blood Urine	Negative	-	Negative

MICROSCOPIC EXAMINATION

Pus Cells	2-3/hpf	-	0-2 / hpf
RBC	Not Seen	-	Nil

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Epithelial Cells	1-2/hpf	-	-
Crystals	Not Seen	-	-
Casts	Not Seen	-	-
Others	Nil	-	-
<b>Urine For Sugar (Fasting)</b> (Semiquantitative Strip Method)	Negative	-	-

--End of Report--

*Seema S*

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

**Note**

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





DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 12:03 PM Received On : 14/08/2023 01:45 PM Reported On : 14/08/2023 03:16 PM

Barcode : 222308140013 Specimen : Urine Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

CLINICAL PATHOLOGY

Test	Result	Unit
<b>Urine For Sugar (Post Prandial)</b> (Semiquantitative Strip Method)	Negative	-

--End of Report--

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

Note

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



**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Collected On : 14/08/2023 09:48 AM Received On : 14/08/2023 10:47 AM Reported On : 14/08/2023 11:52 AM

Barcode : 222308140011 Specimen : Urine Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886915241

**CLINICAL PATHOLOGY**

Test	Result	Unit	Biological Reference Interval
------	--------	------	-------------------------------

**URINE ROUTINE & MICROSCOPY****PHYSICAL EXAMINATION**

Volume	30	ml	-
Colour	Pale Yellow	-	-
Appearance	Clear	-	-

**CHEMICAL EXAMINATION**

pH(Reaction)	5.5	-	4.8-7.5
Sp. Gravity	1.025	-	-
Protein	Negative	-	Negative
Urine Glucose	Negative	-	Negative
Ketone Bodies	Negative	-	Negative
Bile Salts	Negative	-	Negative
Bile Pigment (Bilirubin)	Negative	-	Negative
Urobilinogen	Normal	-	Normal
Blood Urine	Negative	-	Negative

**MICROSCOPIC EXAMINATION**

Pus Cells	2-3/hpf	-	0-2 / hpf
RBC	Not Seen	-	Nil

Patient Name : Mr Abhinav Kumar MRN : 20100000017546 Gender/Age : MALE , 37y (10/08/1986)

Epithelial Cells	1-2/hpf	-	-
Crystals	Not Seen	-	-
Casts	Not Seen	-	-
Others	Nil	-	-
<b>Urine For Sugar (Fasting)</b> (Semiquantitative Strip Method)	Negative	-	-

--End of Report--

*Seema S*

Dr. Seema Sivasankaran  
MD, DNB  
CONSULTANT PATHOLOGIST

**Note**

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

