

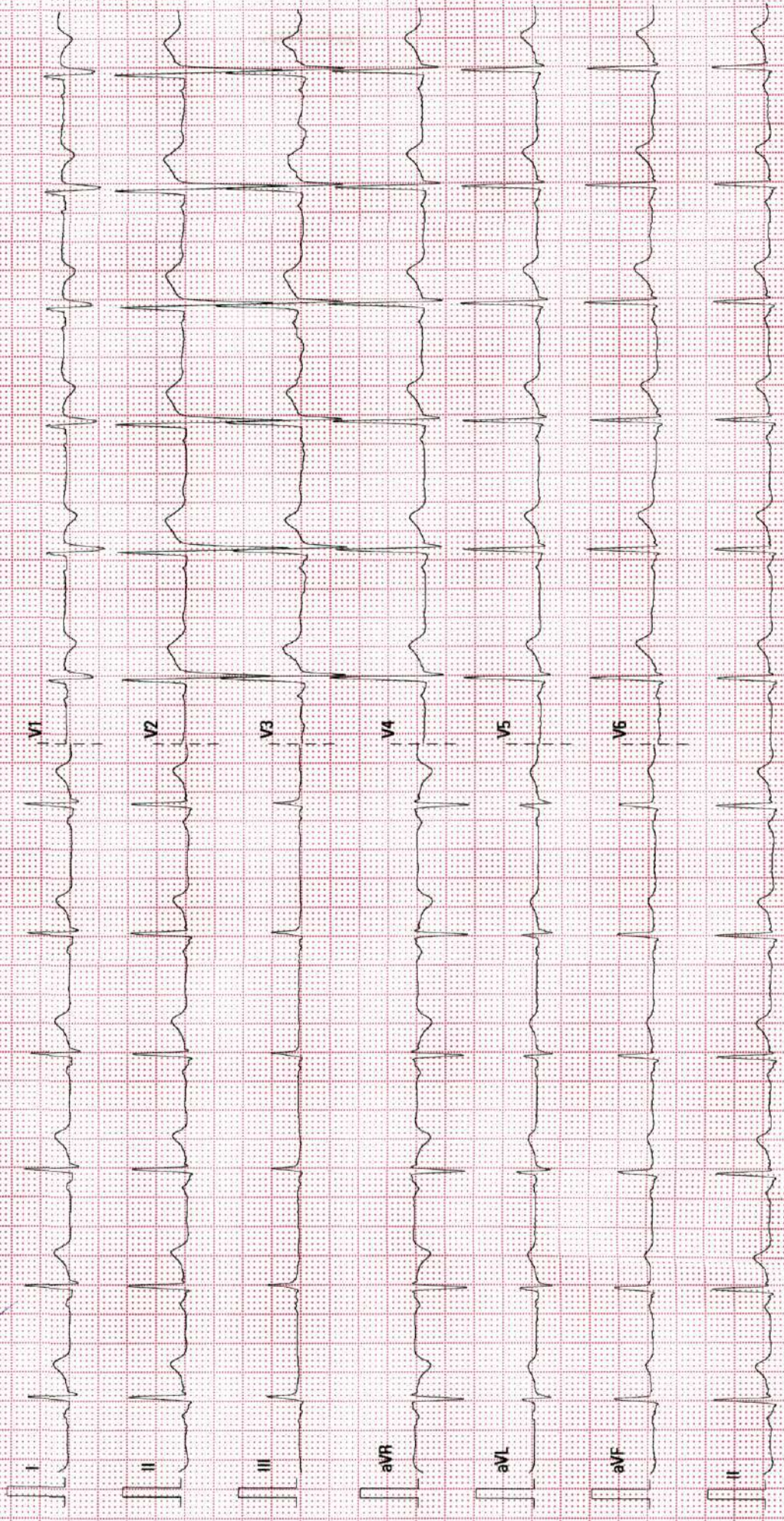
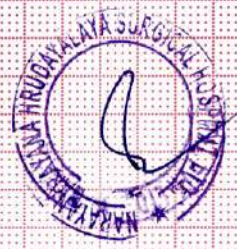
ID: 10140000279571  
Name: MR VARUNRAJ H M  
Age: 32 Years  
Gender: Male

2023-04-04 09:24:38

Vent. Rate	73 bpm
PR Interval	136 ms
QRS Duration	96 ms
QT/QTc Interval	370/393 ms
P/QRS/T Axes	28/56/26 deg
QTc-Hodges	

Sinus rhythm  
Normal ECG

Unconfirmed Diagnosis



## ECHOCARDIOGRAPHY REPORT

<b>Patient ID</b> : 10140000279571	<b>Report Date</b> : 4-4-2023
<b>Patient Name:</b> : Mr Varunraj H M	
<b>Age / Gender</b> : 32 Years / Male	<b>Cath Number</b> :
<b>Render No</b> :	

### MEASUREMENT

**AO** : 30 ( 20 - 40 )mm      **LVID(d)** : 43 (36 - 52 )mm      **IVS** : 10 ( 6 - 11 )mm  
**LA** : 34 ( 19 - 40 )mm      **LVID s** : 29 ( 23 - 39)mm      **PWD** : 10 (6 - 11 )mm  
**EF** : 60% (>50%)      **ESV** : 33 ml      **EDV** : 84 ml

### VALVES

**Mitral Valve** : Normal  
**Aortic valve** : Normal  
**Tricuspid Valve** : Normal  
**Pulmonary Valve** : Normal

### CHAMBERS

**Left Atrium** : Normal  
**Right Atrium** : Normal  
**Left Ventricle** : Normal  
**Right Ventricle** : Normal

### SEPTAE

**IVS** : Intact  
**IAS** : Intact

### GREAT ARTERIES

**Aorta** : Normal  
**Pulmonary Artery** : Normal

### **Narayana Multispeciality Hospital**

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Appointments

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

Emergencies

**98539-98539**

**DOPPLER DATA**

**Mitral** : E/A 1.0/0.5 m/s  
**Aortic** : Normal  
**Tricuspid** : Trivial TR / Mild PAH, PASP 31mmHg  
**Pulmonary** : Normal  
**LVOT** : Normal  
**Vegetation/Thrombus** : Normal  
**Pericardium** : Normal

**WALL MOTION ABNORMALITIES**

NO RWMA

**FINAL DIAGNOSIS**

- NORMAL CHAMBER DIMENSIONS
- TRIVIAL TRICUSPID REGURGITATION / MILD PULMONARY ARTERIAL HYPERTENSION
- NO RWMA
- NORMAL LV FUNCTION (LVEF-60%)
- LEFT ARCH / NO COA

DR KESHAVA MURTHY.V  
(SENIOR INTERVENTIONAL  
CARDIOLOGIST)

DR SRINIVAS P  
(INTERVENTIONAL  
CARDIOLOGIST)

DR ANAND LINGAN  
( SENIOR PEDIATRIC / ADULT  
INTERVENTIONAL CARDIOLOGIST)

DONE BY : SUVARNA

Patient Name : Mr Varunraj H M  
MRN : 279571

Page 2 of 2 Typed by : Mrs Sunitha

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**98539-98539**

NARAYANA MULTISPECIALITY HOSPITAL  
DEVANUR  
MYSORE-19

Station  
Telephone:

## EXERCISE STRESS TEST REPORT

Patient Name: MR.VARUNRAJ H.M.,  
Patient ID: 10140000279571  
Height: 176 cm  
Weight: 77 kg

DOB: 05.12.1990  
Age: 32 yrs  
Gender: Male  
Race: Indian

Study Date: 04.04.2023  
Test Type: Treadmill Stress Test  
Protocol: BRUCE

Referring Physician: DR.NAVEEN KUMAR D.S.  
Attending Physician: DR.ANAND LINGAN  
Technician: Mr.BHARATH KUMAR

Medications:  
NIL

Medical History:  
NIL

Reason for Exercise Test:  
Screening for IHD

### Exercise Test Summary

Phase Name	Stage Name	Time in Stage	Speed [mph]	Grade [%]	HR [bpm]	BP [mmHg]	Comment
PRETEST	SUPINE	00:26	0.00	0.00	71	120/80	
	STANDING	00:02	0.00	0.00	72		
	WARM-UP	02:22	0.00	0.00	85	120/80	
EXERCISE	STAGE 1	03:00	1.70	10.00	107	130/80	
	STAGE 2	03:00	2.50	12.00	137	140/80	
	STAGE 3	02:41	3.40	14.00	153	150/80	
RECOVERY		05:15	0.00	0.00	101	130/80	

The patient exercised according to the BRUCE for 8:40 min:s, achieving a work level of Max. METS: 10.10. The resting heart rate of 70 bpm rose to a maximal heart rate of 155 bpm. This value represents 82 % of the maximal, age-predicted heart rate. The resting blood pressure of 120/80 mmHg, rose to a maximum blood pressure of 150/80 mmHg. The exercise test was stopped due to Fatigue.

### Interpretation

--

### Conclusions

GOOD EFFORT TOLERANCE  
NORMAL HR AND BP RESPONSE  
NO ANGINA OR ARRHYTHMIA  
NO SIGNIFICANT ST-T CHANGES NOTED  
IMP:-- STRESS TEST NEGATIVE FOR INDUCIBLE ISCHAEMIA

Physician \_\_\_\_\_

Technician \_\_\_\_\_



MR. VARUNRAJ H.M.,

Patient ID: 10140000279571

04.04.2023 Male 176 cm 77 kg  
 10:26:09am 32 yrs Indian  
 Meds: NIL

Test Reason: Screening for IHD  
 Medical History: NIL

BRUCE: Exercise Time 08:40  
 Max HR: 155 bpm 82% of max predicted 188 bpm HR at rest: 70  
 Max BP: 150/80 mmHg BP at rest: 120/80 Max RPP: 23250 mmHg\*bp  
 Maximum workload: 10.10 METS  
 Max ST: -0.10 mm, 0.01 mV/s in III; EXERCISE STAGE 3 8:30  
 HR reserve used: 68 %  
 HR recovery: 31 bpm  
 VE recovery: 0 VE/min

Ref MD: DR.NAVEEN KUMAR D.S. Ordering MD:  
 Technician: Mr. BHARATH KUMAR Test Type: Treadmill Stress Test  
 ST/HR hysteresis: 0.035 mV (V4)  
 QRS duration: BASELINE: 90 ms. PEAK EX: 90 ms, REC: 90 ms

Reasons for Termination: Fatigue  
 Conclusion: GOOD EFFORT TOLERANCE  
 NORMAL HR AND BP RESPONSE  
 NO ANGINA OR ARRHYTHMIA  
 NO SIGNIFICANT ST-T CHANGES NOTED  
 IMP:-- STRESS TEST NEGATIVE FOR INDUCIBLE ISCHAEMIA  
 Room:  
 Location: \* 0 \*

Phase Name	Stage Name	Time in Stage	Speed [mph]	Grade [%]	Workload [METs]	HR [bpm]	BP [mmHg]	RPP [mmHg*bp]	VE [/min]	ST Level [mm]	Comment
PRETEST	SUPINE	00:26	0.00	0.00	1.0	71	120/80	8520	0	0.20	
	STANDING	00:02	0.00	0.00	1.0	72		8640	0	0.20	
	WARM-UP	02:22	0.00	0.00	1.0	85	120/80	10200	0	0.25	
EXERCISE	STAGE 1	03:00	1.70	10.00	4.6	107	130/80	13910	0	0.55	
	STAGE 2	03:00	2.50	12.00	7.0	137	140/80	19180	0	0.25	
	STAGE 3	02:41	3.40	14.00	10.1	153	150/80	22950	0	0.05	
RECOVERY		05:15	0.00	0.00	1.0	101	130/80	13130	0	0.25	

<b>Patient Name</b>	VARUNRAJ H M	<b>Requested By</b>	Dr. Naveen Kumar D S
<b>MRN</b>	10140000279571	<b>Procedure DateTime</b>	2023-04-04 11:49:36
<b>Age/Sex</b>	32y/ Male	<b>Hospital</b>	NH-Mysore

**X-RAY CHEST PA VIEW**

Clinical details : Health check up

The C.T.Ratio is within normal limits.

The lung fields are clear.

The costo and cardiophrenic angles are free.

The domes of diaphragm are normally placed.

The bony thorax shows no gross abnormality.

**IMPRESSION: No abnormality detected.**

To correlate clinically.



**Dr. Rakesh Sharma**  
Consultant Radiologist



This is a digitally signed valid document. Reported Date/Time: 2023-04-04 11:51:49



<b>Patient Name</b>	VARUNRAJ H M	<b>Requested By</b>	Dr. Naveen Kumar D S
<b>MRN</b>	10140000279571	<b>Procedure DateTime</b>	2023-04-04 12:19:13
<b>Age/Sex</b>	/ Male	<b>Hospital</b>	NH-Mysore

**ULTRASOUND SCAN OF ABDOMEN AND PELVIS (MHC)**

LIVER - Normal in size and echotexture. No evidence of focal lesions.

BILIARY RADICLES - No dilatation.

CBD - Normal in size. No evidence of calculi.

GALL BLADDER - Partially distended.

PORTAL VEIN - Normal in caliber.

PANCREAS - Head and body of pancreas show normal echotexture.

SPLEEN - Normal.

KIDNEYS - Both kidneys are normal in size and echotexture. No evidence of calyceal dilatation or calculi seen.

BLADDER - Distended and appears normal.

PROSTATE - Appears normal.

No free fluid seen in the abdomen.

**IMPRESSION: No abnormality detected sonologically.**

To correlate clinically.



**Dr. Roopa K**  
Consultant Radiologist

This is a digitally signed valid document. Reported Date/Time: 2023-04-04 12:32:11



**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

Collected On : 04/04/2023 08:22 AM Received On : 04/04/2023 08:39 AM Reported On : 04/04/2023 08:59 AM

Barcode : 622304040010 Specimen : Urine Consultant : Dr. Naveen Kumar D S(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9164757371

Test	PATHOLOGY		Biological Reference Interval
	Result	Unit	
<b>URINE ROUTINE &amp; MICROSCOPY</b>			
<b>PHYSICAL EXAMINATION</b>			
Volume	30	ml	-
Colour	Pale Yellow	-	-
Appearance	Clear	-	-
<b>CHEMICAL EXAMINATION</b>			
pH(Reaction)	6.0	-	4.8-7.5
Sp. Gravity	1.025	-	1.005 - 1.030
Protein	Negative	-	-
Urine Glucose	Negative	-	-
Ketone Bodies	Negative	-	Negative
Bile Salts	Negative	-	Negative
Bile Pigment (Bilirubin)	Negative	-	Negative
Urobilinogen	Normal	-	-
Urine Leucocyte Esterase	Negative	-	Negative
Blood Urine	Negative	-	Negative
Nitrite	Negative	-	Negative
<b>MICROSCOPIC EXAMINATION</b>			

Page 1 of 2

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Appointments

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

Emergencies

**98539-98539**



Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

Pus Cells	2-3/hpf	-	0-2
RBC	Nil	-	-
Epithelial Cells	1-2/hpf	-	2-4
Crystals	Not Seen	-	-
Casts	Not Seen	-	-

--End of Report--



Dr. Shivaprasad P.N  
MBBS, MD

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 VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

Collected On : 04/04/2023 08:22 AM Received On : 04/04/2023 08:38 AM Reported On : 04/04/2023 09:23 AM

Barcode : 612304040025 Specimen : Whole Blood Consultant : Dr. Naveen Kumar D S(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9164757371

**HAEMATOLOGY LAB**

Test	Result	Unit	Biological Reference Interval
<b>BLOOD GROUP &amp; RH TYPING</b>			
Blood Group (Slide Technique And Tube Technique)	"B"	-	-
RH Typing (Slide Technique And Tube Technique)	Positive	-	-
<b>COMPLETE BLOOD COUNT (CBC)</b>			
Haemoglobin (Hb%) (Coulter Principle)	16.54	g/dL	13.0-17.0
Red Blood Cell Count (Coulter Principle)	5.42	Million/ul	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	48.9	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	90.3	fL	76.0-96.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	30.5	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.8	g/L	30.0-35.0
Red Cell Distribution Width (RDW) (Derived From RBC Histogram)	13.7	%	11.6-14.0
Platelet Count (Coulter Principle)	230	Thous/ $\mu$ L	150.0-400.0
Mean Platelet Volume (MPV)	7.76	fL	7.0-11.7
Total Leucocyte Count(WBC) (Coulter Principle)	6.87	Thous/cumm	4.0-11.0
<b>DIFFERENTIAL COUNT (DC)</b>			
Neutrophils (Optical/Impedance)	52.09	%	40.0-75.0

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Appointments

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

Emergencies

**98539-98539**

Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

Lymphocytes (Optical/Impedance)	37.40	%	20.0-45.0
Monocytes (Optical/Impedance)	7.41	%	2.0-10.0
Eosinophils (Optical/Impedance)	2.83	%	1.0-6.0
Basophils	0.27	%	0.0-1.0
Absolute Neutrophil Count	3.58	-	-
Absolute Lymphocyte Count	2.57	-	-
Absolute Monocyte Count	0.51	-	-
Absolute Eosinophil Count	0.19	-	-
Absolute Basophil Count	0.02	-	-

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

--End of Report--

*Shivaprasad*

Dr. Shivaprasad P.N  
MBBS, MD  
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 VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

Collected On : 04/04/2023 11:09 AM Received On : 04/04/2023 11:22 AM Reported On : 04/04/2023 11:59 AM

Barcode : 602304040151 Specimen : Plasma Consultant : Dr. Naveen Kumar D S(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9164757371

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>Post Prandial Blood Sugar (PPBS)</b> (Spectrophotometry )	110	mg/dL	100.0-140.0

--End of Report--



Dr. Shivaprasad P.N  
MBBS, MD  
CONSULTANT PATHOLOGIST

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**DEPARTMENT OF LABORATORY MEDICINE**

Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)  
Collected On : 04/04/2023 08:22 AM Received On : 04/04/2023 08:38 AM Reported On : 04/04/2023 09:14 AM  
Barcode : 602304040056 Specimen : Plasma Consultant : Dr. Naveen Kumar D S(GENERAL MEDICINE)  
Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9164757371

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Spectrophotometry)	97	mg/dL	70.0-100.0

--End of Report--

*Shivaprasad*

Dr. Shivaprasad P.N  
MBBS, MD  
CONSULTANT PATHOLOGIST

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**DEPARTMENT OF LABORATORY MEDICINE**

Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)  
 Collected On : 04/04/2023 08:22 AM Received On : 04/04/2023 08:38 AM Reported On : 04/04/2023 09:51 AM  
 Barcode : 602304040055 Specimen : Serum Consultant : Dr. Naveen Kumar D S(GENERAL MEDICINE)  
 Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9164757371

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>SERUM CREATININE</b>			
Serum Creatinine (Spectrophotometry)	1.1	mg/dL	0.8-1.3
eGFR (Calculated By MDRD Formula)	77.6	mL/min/1.73m <sup>2</sup>	-
<b>Blood Urea Nitrogen (BUN)</b> (Spectrophotometry)	10	mg/dL	7.0-20.0
<b>Serum Sodium</b> (Spectrophotometry)	141	mmol/L	135.0-150.0
<b>Serum Potassium</b> (Spectrophotometry)	4.5	mmol/L	3.5-5.0
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
Cholesterol Total (Spectrophotometry)	190	mg/dL	Normal <200 High >240 Borderline 200 - 239
Triglycerides (Spectrophotometry)	216 H	mg/dL	Very High >500 Borderline High 150 - 199 High 200 - 499
HDL Cholesterol (HDLC) (Spectrophotometry)	35 L	mg/dL	40.0-60.0
Non-HDL Cholesterol (Spectrophotometry)	155.0	-	-
LDL Cholesterol (Calculated)	112 H	mg/dL	Desirable: <100 Optimal: 100-129 Borderline High: 130-159 High : 160-189 Very High: >190
VLDL Cholesterol (Spectrophotometry)	43 H	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Spectrophotometry)	5.5 H	-	0.0-5.0
<b>LIVER FUNCTION TEST(LFT)</b>			
Bilirubin Total (Spectrophotometry)	1.2	mg/dL	0.0-1.3

Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

Conjugated Bilirubin (Direct) (Spectrophotometry )	<b>0.4 H</b>	mg/dL	0.0-0.3
Unconjugated Bilirubin (Indirect) (Spectrophotometry)	0.8	mg/dL	0.3-0.8
Total Protein (Spectrophotometry )	7.5	g/dL	6.4-8.2
Serum Albumin (Spectrophotometry)	4.3	g/dL	3.4-5.0
Serum Globulin (Spectrophotometry)	3.2	-	-
Albumin To Globulin (A/G)Ratio (Spectrophotometry)	1.34	-	1.0-2.1
SGOT (AST) (Spectrophotometry )	26	IU/L	15.0-37.0
SGPT (ALT) (Spectrophotometry )	<b>27 L</b>	IU/L	30.0-65.0
Alkaline Phosphatase (ALP) (Spectrophotometry )	114	IU/L	50.0-136.0
Gamma Glutamyl Transferase (GGT) (Spectrophotometry )	<b>12 L</b>	IU/L	15.0-85.0
<b>THYROID PROFILE (T3, T4, TSH)</b>			
Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.22	ng/dL	0.6-1.81
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	8.93	ug/dl	3.2-12.6
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	2.601	mIU/L	0.4-4.049

--End of Report--

*Shivaprasad*

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Appointments

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

Emergencies

**98539-98539**

Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

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- Kindly correlate clinically.





**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

Collected On : 04/04/2023 11:09 AM Received On : 04/04/2023 11:23 AM Reported On : 04/04/2023 11:58 AM

Barcode : 622304040033 Specimen : Urine Consultant : Dr. Naveen Kumar D S(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9164757371

**PATHOLOGY**

Test	Result	Unit
<b>Urine For Sugar</b> (Semi-quantitative Strip Method-Glucose Oxidase Technique)	Negative	-

--End of Report--



Dr. Shivaprasad P.N

MBBS, MD

CONSULTANT PATHOLOGIST

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**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

Collected On : 04/04/2023 08:22 AM Received On : 04/04/2023 08:38 AM Reported On : 04/04/2023 10:42 AM

Barcode : 602304040057 Specimen : Whole Blood Consultant : Dr. Naveen Kumar D S(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9164757371

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>HBA1C</b>			
HbA1c (HPLC METHOD)	5.5	%	Upto - Normal (Non Diabetic Level): < 6 Good Control: 6.01-7.00 Fair Control: 7.01-8.00 Poor Control: > 8.01
Estimated Average Glucose (HPLC METHOD)	111.15	-	-

**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--



Dr. Shivaprasad P.N  
 MBBS, MD  
 CONSULTANT PATHOLOGIST



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Page 1 of 1



**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr VARUNRAJ H M MRN : 10140000279571 Gender/Age : MALE , 32y (05/12/1990)

Collected On : 04/04/2023 08:22 AM Received On : 04/04/2023 08:38 AM Reported On : 04/04/2023 09:22 AM

Barcode : 612304040026 Specimen : Whole Blood - ESR Consultant : Dr. Naveen Kumar D S(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9164757371

**HAEMATOLOGY LAB**

Test	Result	Unit	Biological Reference Interval
<b>Erythrocyte Sedimentation Rate (ESR)</b> (Westergren Method)	03	mm/1hr	0.0-10.0

--End of Report--



Dr. Shivaprasad P.N  
MBBS, MD  
CONSULTANT PATHOLOGIST

**Note**

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

