



Name : RAKESH YADAV  
 Registration No : MH010527169  
 Patient Episode : R03000045250  
 Referred By : MANIPAL HOSPITALS GHAZIABAD  
 Receiving Date : 27 Oct 2022 21:05

Age : 32 Yr(s) Sex : Male  
 Lab No : 32221008290  
 Collection Date : 27 Oct 2022 20:40  
 Reporting Date : 28 Oct 2022 09:43

## BIOCHEMISTRY

## THYROID PROFILE, Serum

Parameter	Result	Unit	Reference Range
T3 - Triiodothyronine (ECLIA)	1.09	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	6.47	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	2.800	µIU/mL	[0.340-4.250]

Note : TSH levels are subject to circadian variation, reaching peak levels between 2-4.a.m. and at a minimum between 6-10 pm. Factors such as change of seasons hormonal fluctuations, Ca or Fe supplements, high fibre diet, stress and illness affect TSH results.

\* References ranges recommended by the American Thyroid Association

- 1) Thyroid. 2011 Oct;21(10):1081-125.PMID .21787128
- 2) <http://www.thyroid-info.com/articles/tsh-fluctuating.html>

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-----END OF REPORT-----

Dr. Neelam Singal  
 CONSULTANT BIOCHEMISTRY

## LABORATORY REPORT

Name	RAKESH YADAV	Age	32y 2m 14d	Gender	MALE
MRN	GHZB-0000180301	Visit No	V0000000001-GHZB		
Lab No	G000333645	Collected On	27/10/2022 9:48AM	Received On	27/10/2022 9:52AM
Referred By	Deepak Verma	Reported On	27/10/2022 11:50AM		

**Test Name**

**Result**

**Criticality  
Factor**

**Biological  
Reference Interval**

\*\*\*\*\* END OF REPORT \*\*\*\*\*

Processed by :- DEEPTI KUMARI

*Charu*  
Registration No: 45122  
**DR CHARU AGARWAL**  
CONSULTANT PATHOLOGIST  
Pathologist

Report Printed On: 28/10/2022 12:26AM

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## LABORATORY REPORT

Name	RAKESH YADAV	Age	32y 2m 14d	Gender	MALE
MRN	GHZB-0000180301	Visit No	V0000000001-GHZB		
Lab No	G000333645	Collected On	27/10/2022 9:48AM	Received On	27/10/2022 9:52AM
Referred By	Deepak Verma	Reported On	27/10/2022 12:07PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
<b>KIDNEY FUNCTION TESTS (Serum)</b>				
UREA	30.0 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	0.83 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	7.2 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	137.1 mmol/L		136 - 144 mmol/ L	
POTASSIUM, SERUM	4.19 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	104.1 mmol/L		101 - 111 mmol/L	
<b>LIPID PROFILE (Serum)</b>				
CHOLESTEROL, TOTAL	189 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	74 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	48 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	<b>126 mg/dl</b>		0 -120 mg/dl	
Cholesterol, VLDL	15 mg/dl		0 - 35 mg/dl	
<b>LIVER FUNCTION TESTS (Serum)</b>				
BILIRUBIN, TOTAL	0.79 mg/dl		0.3 -1.2 mg/dl	
BILIRUBIN, DIRECT	0.09 mg/dl		0 - 0.3 mg/dl	
Report Printed On:	28/10/2022	12:26AM		

## LABORATORY REPORT

Name	RAKESH YADAV	Age	32y 2m 14d	Gender	MALE
MRN	GHZB-0000180301	Visit No	V0000000001-GHZB		
Lab No	G000333645	Collected On	27/10/2022 9:48AM	Received On	27/10/2022 9:52AM
Referred By	Deepak Verma	Reported On	27/10/2022 12:07PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
Indirect Bilirubin	0.70		0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	7.5 g/dl		6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.68 g/dl		3.5 - 5.2 gm/dl	
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.66		1:1 - 2.5:1	
GLOBULIN, SERUM	2.8			
SGPT	50 IU/L		17 - 63 IU/L	
SGOT	34 IU/L		0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	21 IU/L		7 - 50 U/L	
ALKALINE PHOSPHATASE, ALP	54 IU/L		32 - 91 IU/L	

\*\*\*\*\* END OF REPORT \*\*\*\*\*

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*Charu*  
 Registration No: 42422  
**DR CHARU AGARWAL**  
 CONSULTANT PATHOLOGIST  
 Pathologist

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## LABORATORY REPORT

Name	RAKESH YADAV	Age	32y 2m 14d	Gender	MALE
MRN	GHZB-0000180301	Visit No	V0000000001-GHZB		
Lab No	G000333675	Collected On	27/10/2022 11:36AM	Received On	27/10/2022 11:36AM
Referred By	Deepak Verma	Reported On	27/10/2022 12:49PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
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### URINE EXAMINATION, ROUTINE (Urine)

#### PHYSICAL EXAMINATION

Colour	P.YELLOW
Appearance	CLEAR
pH	7.0
Specific gravity	1.015

#### CHEMICAL EXAMINATION

Glucose	Nil
Protein	Present(Trace)
Ketone bodies	Absent
Urobilinogen	Absent

#### MICROSCOPIC EXAMINATION

Leukocytes	1-2/HPF
Erythrocytes	NIL
Epithelial Cells	NIL
Casts	NIL
Crystals	NIL
Others	NIL

\*\*\*\*\* END OF REPORT \*\*\*\*\*

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## RADIOLOGY REPORT

Name	RAKESH YADAV	Modality	US
Patient ID	GHZB-0000180301	Accession No	1153935
Gender / Age	M / 32Y 2M 12D	Scan Date	27-10-2022 11:14:46
Ref. Phys	Dr. Deepak Verma	Report Date	27-10-2022 12:30:42

## USG ABDOMEN &amp; PELVIS

## FINDINGS

LIVER: appears enlarged in size (measures 152 mm) but normal in shape and shows diffuse increase in liver echotexture, in keeping with diffuse grade I fatty infiltration. Rest normal.

SPLEEN: Spleen is normal in size (measures 97 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 10 mm.

COMMON BILE DUCT: Appears normal in size and measures 3.2 mm.

IVC, HEPATIC VEINS: Normal.

BILIARY SYSTEM: Normal.

GALL BLADDER: is well distended with normal wall thickness and shows few small echogenic shadows without posterior acoustic shadowing seen in anterior and posterior wall of gallbladder and with the largest one measuring ~ 2.8 mm suggesting polyps/cholesterol granules.

PANCREAS: Pancreas is normal in size, shape and echotexture. Rest normal.

KIDNEYS: Bilateral kidneys are normal in size, shape and echotexture. Cortico-medullary differentiation is maintained. Rest normal.

Right Kidney: measures 106 x 39 mm. A simple anechoic cortical cyst measuring 14 x 12 mm is seen at upper pole.

Left Kidney: measures 98 x 46 mm.

PELVI-CALYCEAL SYSTEMS: Compact.

NODES: Not enlarged.

FLUID: Nil significant.

URINARY BLADDER: Urinary bladder is well distended. Wall thickness is normal and lumen is echofree. Rest normal.

PROSTATE: Prostate is normal in size, shape and echotexture. It measures 35 x 29 x 29 mm with volume 15 cc. Rest normal.

SEMINAL VESICLES: Normal.

BOWEL: Visualized bowel loops appear normal.

## IMPRESSION

-Hepatomegaly with diffuse grade I fatty infiltration in liver.

-Few polyps/cholesterol granules in anterior and posterior wall of gallbladder.

Recommend clinical correlation.

## LABORATORY REPORT

Name	RAKESH YADAV	Age	32y 2m 14d	Gender	MALE
MRN	GHZB-0000180301	Visit No	V0000000001-GHZB		
Lab No	G000333644	Collected On	27/10/2022 9:47AM	Received On	27/10/2022 9:52AM
Referred By	Deepak Verma	Reported On	27/10/2022 12:07PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, FASTING (F) (Serum Fasting)	110 mg/dl		70 - 110 mg/dl	

\*\*\*\*\* END OF REPORT \*\*\*\*\*

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**DR CHARU AGARWAL**  
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27-Oct-2022 10:43:19

Manipal Hospitals, Ghaziabad

ID: 000180301

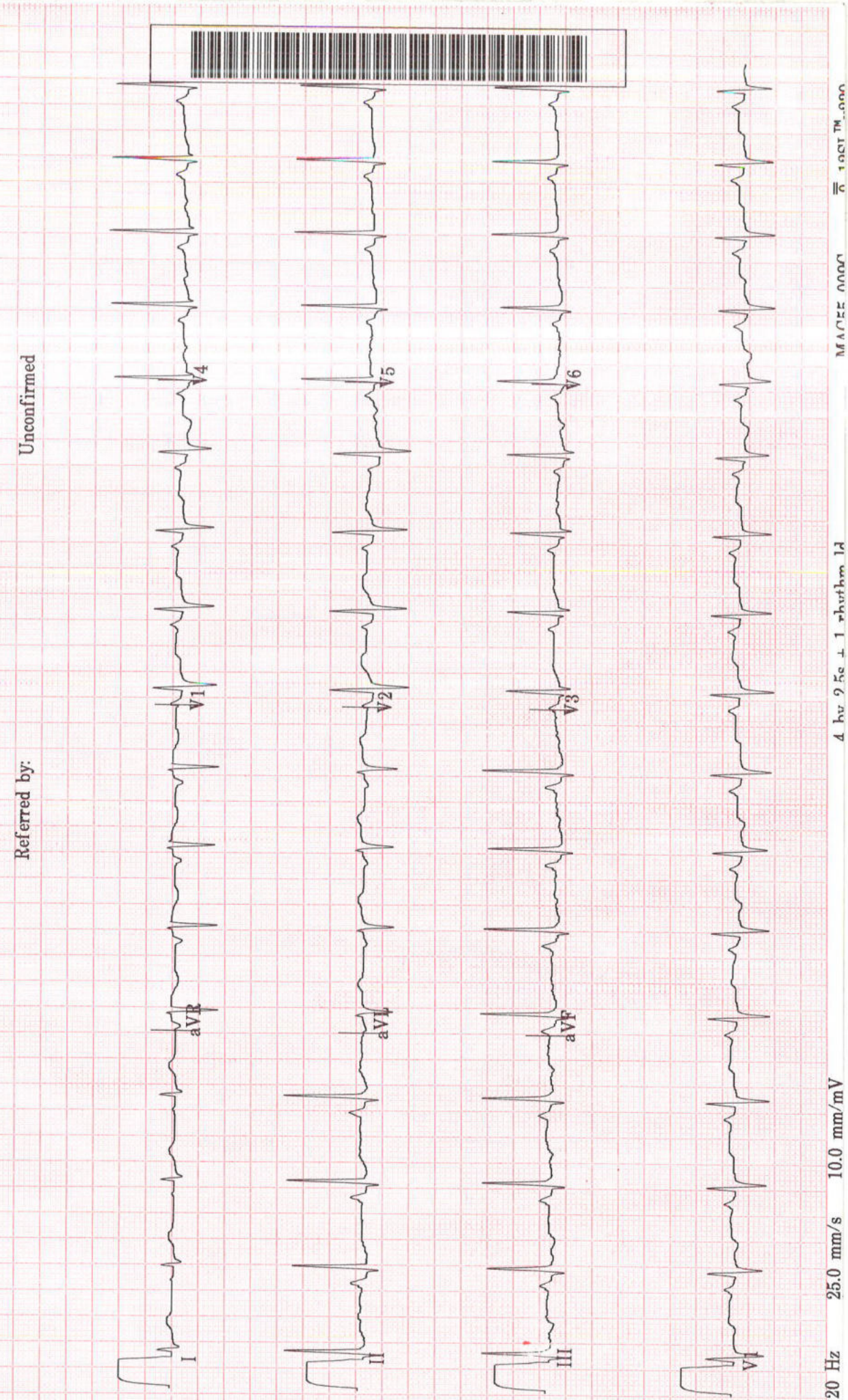
32years Male Caucasian

Vent. rate 99 bpm  
PR interval 130 ms  
QRS duration 78 ms  
QT/QTc 334/428 ms  
P-R-T axes 77 85 27

Normal sinus rhythm  
Right atrial enlargement  
Possible Right ventricular hypertrophy  
Nonspecific T wave abnormality  
Abnormal ECG

Technician:  
Test ind:

Referred by:  
Unconfirmed







## TMT INVESTIGATION REPORT

Patient Name : Mr. RAKESH YADAV	Location	: Ghaziabad
Age/Sex : 32Year(s)/male	Visit No	: V0000000001-GHZB
MRN No : GHZB-0000180301	Order Date	: 27/10/2022
Ref. Doctor : HCP	Report Date	: 27/10/2022

**Protocol** : Bruce **MPHR** : 188BPM  
**Duration of exercise** : 7min 38sec **85% of MPHR** : 159BPM  
**Reason for termination** : THR achieved **Peak HR Achieved** : 160BPM  
**Blood Pressure (mmHg)** : Baseline BP : 134/78mmHg **% Target HR** : 85%  
Peak BP : 150/84mmHg **METS** : 9.5METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	107	134/78	Nil	No ST changes seen	Nil
STAGE 1	3:00	127	140/78	Nil	No ST changes seen	Nil
STAGE 2	3:00	143	144/84	Nil	No ST changes seen	Nil
STAGE 3	1:38	160	150/84	Nil	No ST changes seen	Nil
RECOVERY	3:02	114	140/84	Nil	No ST changes seen	Nil

**COMMENTS:**

- No ST changes in base line ECG.
- No ST changes at peak.
- No ST changes in recovery.
- Normal chronotropic response.
- Normal blood pressure response.
- Fair effort tolerance.

**IMPRESSION:**

Treadmill test is **negative** for exercise induced reversible myocardial ischemia.

**Dr. Bhupendra Singh**  
MD, DM (CARDIOLOGY), FACC  
Sr. Consultant Cardiology

**Dr. Abhishek Singh**  
MD, DNB (CARDIOLOGY), MNAMS  
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