



**TMT INVESTIGATION REPORT**

Patient Name : Mr. ANIL CHATURVEDI	Location : Ghaziabad
Age/Sex : 31Year(s)/male	Visit No : V0000000001-GHZB
MRN No : GHZB-0000177745	Order Date : 27/8/2022
Ref. Doctor : HCP	Report Date : 27/8/2022

<b>Protocol</b> : Bruce	<b>MPHR</b> : 186BPM
<b>Duration of exercise</b> : 6min 40sec	<b>85% of MPHR</b> : 158BPM
<b>Reason for termination</b> : THR achieved	<b>Peak HR Achieved</b> : 160BPM
<b>Blood Pressure (mmHg)</b> : Baseline BP : 120/80mmHg	<b>% Target HR</b> : 86%
Peak BP : 140/80mmHg	<b>METS</b> : 8.0METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	120	120/80	Nil	No ST changes seen	Nil
STAGE 1	3:00	146	134/80	Nil	No ST changes seen	Nil
STAGE 2	3:00	154	140/80	Nil	No ST changes seen	Nil
STAGE 3	0:40	159	140/80	Nil	No ST changes seen	Nil
RECOVERY	3:03	129	126/80	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  
Sr. Consultant Cardiology

**Dr. Sudhanshu Mishra**  
MD  
Cardiology Registrar

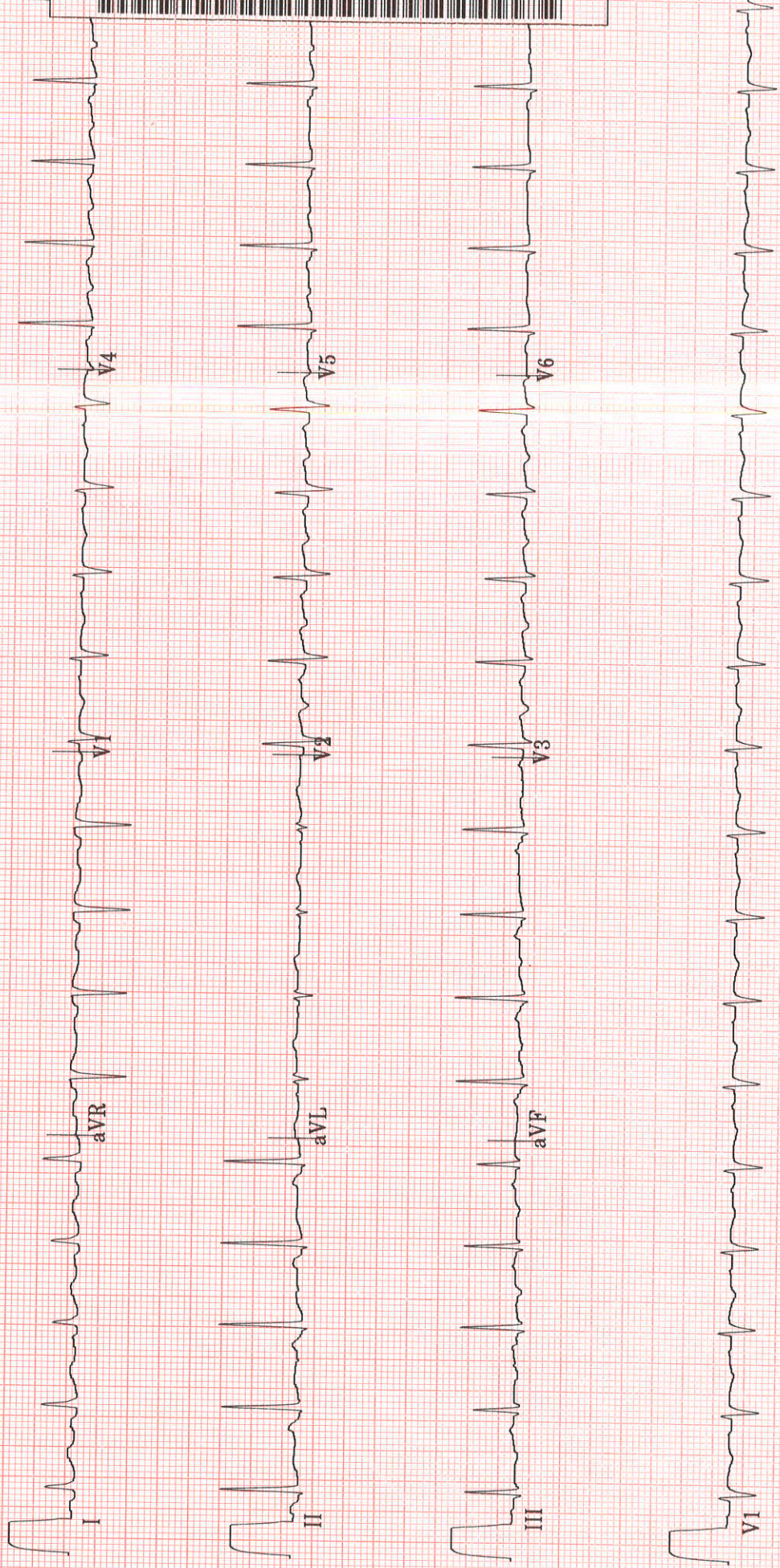
Vent. rate 111 bpm  
 PR interval 136 ms  
 QRS duration 72 ms  
 QT/QTc 328/446 ms  
 P-R-T axes 46 68 37

Sinus tachycardia  
 Nonspecific T wave abnormality  
 Abnormal ECG

Technician:  
 Test ind:

Referred by:

Unconfirmed



## LABORATORY REPORT

Name	ANIL CHATURVEDI	Age	31y 19d	Gender	M
MRN	GHZB-0000177745	Visit No	V0000000001-GHZB		
Lab No	G000327237	Collected On	27/08/2022 12:27PM	Received On	27/08/2022 12:27PM
Referred By	Deepak Verma	Reported On	27/08/2022 5:10:00 PM		

### Test Name

### Result

Criticality:   
 Biological Interval

### URINE EXAMINATION, ROUTINE (Urine)

#### PHYSICAL EXAMINATION

Colour P.YELLOW  
 Appearance S.TURBID  
 pH 6.0  
 Specific gravity 1.025

#### CHEMICAL EXAMINATION

Glucose Nil  
 Protein Present(+)  
 Ketone bodies Present(Trace)  
 Urobilinogen Present Increased

#### MICROSCOPIC EXAMINATION

Leukocytes FULL FIELD  
 Erythrocytes 2-4 /HPF  
 Epithelial Cells 10-12/HPF  
 Casts NIL  
 Crystals NIL  
 Others NIL

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

Processed by :- DEEPTI KUMARI

DR. ANIL CHATURVEDI  
 MBBS, MD, DNB  
 UROLOGIST  
 UROLOGIST

Report Printed On: 29/8/2022 9:06AM

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## RADIOLOGY REPORT

<b>Name</b>	ANIL CHATURVEDI	<b>Modality</b>	DX
<b>Patient ID</b>	GHZB-0000177745	<b>Accession No</b>	1132685
<b>Gender/Age</b>	M / 31Y 19D	<b>Scan Date</b>	27-08-2022 10:45:25
<b>Ref. Phys</b>	Dr. Deepak Verma	<b>Report Date</b>	27-08-2022 15:45:55

## XR- CHEST PA VIEW

**FINDINGS:**

LUNGS: Normal.  
 TRACHEA: Normal.  
 CARINA: Normal.  
 RIGHT AND LEFT MAIN BRONCHI: Normal.  
 PLEURA: Normal.  
 HEART: Normal.  
 RIGHT HEART BORDER: Normal.  
 LEFT HEART BORDER: Normal.  
 PULMONARY BAY: Normal.  
 PULMONARY HILA: Normal.  
 AORTA: Normal.  
 THORACIC SPINE: Normal.  
 OTHER VISUALIZED BONES: Normal.  
 VISUALIZED SOFT TISSUES: Normal.  
 DIAPHRAGM: Normal.  
 VISUALIZED ABDOMEN: Normal.  
 VISUALIZED NECK: Normal.

**IMPRESSION:**

XR- CHEST PA VIEW demonstrates

No significant abnormality.

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<b>Gender/Age</b>	M / 31Y 19D	<b>Scan Date</b>	27-08-2022 10:45:25
<b>Ref. Phys</b>	Dr. Deepak Verma	<b>Report Date</b>	27-08-2022 15:45:55



Dr. Adarsh Palleti MD.  
Consultant Radiologist, Reg No, 92400,

## RADIOLOGY REPORT

<b>Name</b>	ANIL CHATURVEDI	<b>Modality</b>	US
<b>Patient ID</b>	GHZB-0000177745	<b>Accession No</b>	1132684
<b>Gender/Age</b>	M / 31Y 19D	<b>Scan Date</b>	27-08-2022 13:17:57
<b>Ref. Phys</b>	Dr. Deepak Verma	<b>Report Date</b>	27-08-2022 15:14:33

**USG ABDOMEN & PELVIS****FINDINGS**

LIVER: appears enlarged in size (measures 162 mm) but normal in shape and shows diffuse increase in liver echotexture, in keeping with diffuse grade II fatty infiltration. Rest normal.

SPLEEN: Spleen is normal in size (measures 101 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 9.6 mm.

COMMON BILE DUCT: Appears normal in size and measures 3.5 mm.

IVC, HEPATIC VEINS: Normal.

BILIARY SYSTEM: Normal.

GALL BLADDER: not seen (surgically removed - post cholecystectomy status).

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 101 x 43 mm.

Left Kidney: measures 98 x 43 mm.

PELVI-CALYCEAL SYSTEMS: Compact.

NODES: Not enlarged.

FLUID: Nil significant.

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

PROSTATE: Prostate is normal in size, shape and echotexture. It measures 36 x 35 x 26 mm with volume 17 cc. Rest normal.


SEMINAL VESICLES: Normal.

BOWEL: Visualized bowel loops appear normal.

**IMPRESSION**

**-Hepatomegaly with diffuse grade II fatty infiltration in liver.**

Recommend clinical correlation.



Dr. Prabhat Prakash Gupta,  
MBBS, DNB, MNAMS, FRCR(I)  
Consultant Radiologist, Reg no DMC/R/14242

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<b>Ref. Phys</b>	Dr. Deepak Verma	<b>Report Date</b>	27-08-2022 15:14:33

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Name : ANIL CHATURVEDI Age : 31 Yr(s) Sex :Male  
 Registration No : MH010382189 Lab No : 32220809440  
 Patient Episode : R03000042630 Collection Date : 27 Aug 2022 14:07  
 Referred By : MANIPAL HOSPITALS GHAZIABAD Reporting Date : 27 Aug 2022 16:50  
 Receiving Date : 27 Aug 2022 14:13

## BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
TOTAL PSA, Serum (ECLIA)	0.570	ng/mL	[<2.000]

Note : PSA is a glycoprotein that is produced by the prostate gland. Normally, very little PSA is secreted in the blood. Increases in glandular size and tissue damage caused by BPH, prostatitis, or prostate cancer may increase circulating PSA levels.

Caution : Serum markers are not specific for malignancy, and values may vary by method.

Immediate PSA testing following digital rectal examination, ejaculation, prostate massage urethral instrumentation, prostate biopsy may increase PSA levels.

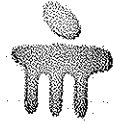
Some patients who have been exposed to animal antigens, may have circulating anti-animal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results.

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

Dr. Neelam Singal  
 CONSULTANT BIOCHEMISTRY





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 Referred By : MANIPAL HOSPITALS GHAZIABAD  
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 Age : 31 Yr(s) Sex : Male  
 Lab No : 32220809440  
 Collection Date : 27 Aug 2022 14:07  
 Reporting Date : 27 Aug 2022 16:50

## BIOCHEMISTRY

## THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)	1.50	ng/ml	1 [0.70-2.04]
T4 - Thyroxine (ECLIA)	6.61	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	4.470 #	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	ANIL CHATURVEDI	Age	31y 19d	Gender	MALE
MRN	GHZB-0000177745	Visit No	V0000000001-GHZB		
Lab No	G000327198	Collected On	27/08/2022 10:02AM	Received On	27/08/2022 10:03AM
Referred By	Deepak Verma	Reported On	27/08/2022 11:23AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, FASTING (F) (Serum Fasting)	99 mg/dl		70 - 110 mg/dl	

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

Processed by :- SHAHID SAIFI

*Charu*  
Registration No: 42452  
**DR CHARU AGARWAL**  
CONSULTANT PATHOLOGIST  
Pathologist

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## LABORATORY REPORT

Name	ANIL CHATURVEDI	Age	31y 19d	Gender	MALE
MRN	GHZB-0000177745	Visit No	V0000000001-GHZB		
Lab No	G000327199	Collected On	27/08/2022 10:02AM	Received On	27/08/2022 10:03AM
Referred By	Deepak Verma	Reported On	27/08/2022 4:28PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
<b>BLOOD GROUP (A, B, O) AND RH FACTOR WITH REVERSE GROUPING (Whole Blood)</b>			
BLOOD GROUPING	" B "		
RH TYPING	POSITIVE		
ESR (WESTERGREN),AUTOMATED ERYTHROCYTE SEDIMENTATION RATE	<b>65 mm/1st hour</b>		0 - 15 mm/Hr

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

Processed by :- DEEPTI KUMARI

  
**DR ALKA DIXIT VATS**  
 CONSULTANT PATHOLOGIST  
 PATHOLOGIST

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## LABORATORY REPORT

Name	ANIL CHATURVEDI	Age	31y 19d	Gender	MALE
MRN	GHZB-0000177745	Visit No	V0000000001-GHZB		
Lab No	G000327199	Collected On	27/08/2022 10:02AM	Received On	27/08/2022 10:03AM
Referred By	Deepak Verma	Reported On	27/08/2022 11:53AM		

Test Name	Result	Criticality Factor	Biological Reference Interval
HEMOGLOBIN, HB	<b>11.8 g/dl</b>		12 - 16 gm/ dl
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	33.2 g/dl		33 - 36%
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	30.5 pg		26 - 34 pg
MEAN CORPUSCULAR VOLUME, MCV	91.7 fl		77 - 97 fl
PLATELET COUNT	155 x10 <sup>3</sup> cells/ Cumm		150-400 x10 <sup>3</sup> cells/cumm
RED BLOOD CELLS, RBC COUNT	3.87 million/cu mm		3.3 - 5.3 millions /cumm
RED CELL DISTRIBUTION WIDTH, RDW	<b>18.1 %</b>		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	5.12 x10 <sup>3</sup> cells/ Cumm		4x10 <sup>3</sup> - 11x10 <sup>3</sup> cells/cumm
HEMATOCRIT (HCT)	35.5 %		34 - 45%
BASOPHILS	00 %		0 - 2%
EOSINOPHILS	<b>01 %</b>	L	1 - 5 %
LYMPHOCYTES	44 %		17 - 25 %
MONOCYTES	07 %		1 - 12%
NEUTROPHILS	48 %		4 - 10%

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

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DR. HARJ AGARWAL  
CONSULTANT PATHOLOGIST

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LABORATORY REPORT

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Lab No	G000327199	Collected On	27/08/2022 10:02AM		
Referred By	Deepak Verma	Reported On	27/08/2022 4:17PM		

**Test Name**

HBA1C (Whole Blood)

**Result**

6.1 %

**Criticality Factor**

**Biological Reference Interval**

Normal: < or = 5.6 %  
Increased risk for Diabetes (Pre-diabetes): 5.7 - 6.4 %  
Diabetes: > or = 6.5 %  
If you are a Diabetic, please consult your doctor for your HbA1c target.

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

Processed by :- AVNEESH KUMAR

DR ALIYA DIXIT VATS  
CONSULTANT PATHOLOGIST

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MANIPAL HOSPITALS  
NH-24, Hapur Road, Near Landcraft Golflinks, Ghaziabad - 201002  
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## LABORATORY REPORT

Name	ANIL CHATURVEDI	Age	31y 19d	Gender	MALE
MRN	GHZB-0000177745	Visit No	V0000000001-GHZB		
Lab No	G000327199	Collected On	27/08/2022 10:02AM	Received On	27/08/2022 10:03AM
Referred By	Deepak Verma	Reported On	27/08/2022 12:39PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
<b>KIDNEY FUNCTION TESTS (Serum)</b>				
UREA	13.4 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	0.71 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	5.2 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	137.2 mmol/L		136 - 144 mmol/L	
POTASSIUM, SERUM	3.07 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	75.3 mmol/L		101 - 111 mmol/L	
<b>LIPID PROFILE (Serum)</b>				
CHOLESTEROL, TOTAL	166 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	90 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	44 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	104 mg/dl		0 - 120 mg/dl	
Cholesterol, VLDL	18 mg/dl		0 - 35 mg/dl	
<b>LIVER FUNCTION TESTS (Serum)</b>				
BILIRUBIN, TOTAL	1.69 mg/dl		0.3 - 1.2 mg/dl	
BILIRUBIN, DIRECT	0.61 mg/dl		0 - 0.3 mg/dl	

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Lab No	G000327199	Collected On	27/08/2022 10:02AM	Reported On	27/08/2022 12:39PM
Referred By	Deepak Verma				

Test Name	Result	Criticality Factor	Biological Reference Interval	Method
Indirect Bilirubin	1.08		0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	7.1 g/dl		6.6 - 8.7 g/dl	
ALBUMIN, SERUM	3.93 g/dl		3.5 - 5.2 gm/dl	
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.24		1:1 - 2.5:1	
GLOBULIN, SERUM	3.17		2.3 - 3.5 gm/dl	
SGPT	112 IU/L		17 - 63 IU/L	
SGOT	294 IU/L		0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	713 IU/L		7 - 50 U/L	
ALKALINE PHOSPHATASE, ALP	215 IU/L		32 - 91 IU/L	

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

Processed by :- AVNEESH KUMAR

DR. CHITRU AGARWAL  
CONSULTANT PATHOLOGIST

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## LABORATORY REPORT

Name	ANIL CHATURVEDI	Age	31y 19d	Gender	MALE
MRN	GHZB-0000177745	Visit No	V0000000001-GHZB		
Lab No	G000327259	Collected On	27/08/2022 1:13PM	Reported On	27/08/2022 1:46PM
Referred By	Deepak Verma	Reported On	27/08/2022 4:30PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS (Serum Post Prandial)	203 mg/dl		80 -140 mg/dl	

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

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PATHOLOGIST

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