



Name : GUNJAN KHURANA Age : 44 Yr(s) Sex :Female  
 Registration No : MH010382154 Lab No : 32220809438  
 Patient Episode : R03000042629 Collection Date : 27 Aug 2022 14:07  
 Referred By : MANIPAL HOSPITALS GHAZIABAD Reporting Date : 27 Aug 2022 16:49  
 Receiving Date : 27 Aug 2022 14:13

## BIOCHEMISTRY

## THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)	1.59	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	12.32 #	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	3.850	µIU/mL	[0.340-4.250]

Pregnancy TSH:1st Trimester:0.6 - 3.4 micIU/mL  
 Pregnancy TSH:2nd Trimester:0.37 - 3.6 micIU/mL  
 Pregnancy TSH:3rd Trimester:0.38 - 4.04 micIU/mL

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>

Page 1 of 1

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

Dr. Neelam Singal  
 CONSULTANT BIOCHEMISTRY

## RADIOLOGY REPORT

Name	GUNJAN KHURANA	Modality	US
Patient ID	GHZB-0000177743	Accession No	1132664
Gender/Age	F / 44Y 1M 17D	Scan Date	27-08-2022 11:28:04
Ref. Phys	Dr. Deepak Verma	Report Date	27-08-2022 14:46:16

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

LIVER: appears enlarged in size (measures 151 mm) but normal in shape and shows minimally increase in liver echotexture, in keeping with early grade I fatty infiltration. Rest normal.

SPLEEN: Spleen is normal in size (measures 67 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 mm.

IVC, HEPATIC VEINS: Normal.

BILIARY SYSTEM: Normal.

GALL BLADDER: Gall bladder is well distended. Wall thickness is normal and lumen is echofree. Rest normal.

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 86 x 33 mm.

Left Kidney: measures 117 x 43 mm. It shows a concretion measuring 3.7 mm at lower calyx.

PELVI-CALYCEAL SYSTEMS: Compact.

NODES: Not enlarged.

FLUID: Nil significant.

URINARY BLADDER: Urinary bladder is minimally distended and pelvic examination remains suboptimal at best. Wall thickness is normal and lumen is echofree. Rest normal.

UTERUS: Uterus is anteverted, normal in size (measures 66 x 59 x 40 mm), shape and echotexture.

Endometrial thickness measures 3.9 mm. Cervix appears normal.

OVARIES: Both ovaries are obscured.

BOWEL: Visualized bowel loops appear normal.

**IMPRESSION**

**-Borderline hepatomegaly with early grade I fatty infiltration in liver.**

**-Left renal concretion.**

Recommend clinical correlation.

## RADIOLOGY REPORT

<b>Name</b>	GUNJAN KHURANA	<b>Modality</b>	US
<b>Patient ID</b>	GHZB-0000177743	<b>Accession No</b>	1132664
<b>Gender/Age</b>	F / 44Y 1M 17D	<b>Scan Date</b>	27-08-2022 11:28:04
<b>Ref. Phys</b>	Dr. Deepak Verma	<b>Report Date</b>	27-08-2022 14:46:16



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

## RADIOLOGY REPORT

<b>Name</b>	GUNJAN KHURANA	<b>Modality</b>	DX
<b>Patient ID</b>	GHZB-0000177743	<b>Accession No</b>	1132665
<b>Gender/Age</b>	F / 44Y 1M 17D	<b>Scan Date</b>	27-08-2022 10:44:48
<b>Ref. Phys</b>	Dr. Deepak Verma	<b>Report Date</b>	27-08-2022 15:45:54

## XR- CHEST PA VIEW

**FINDINGS:**

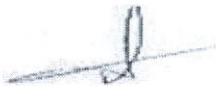
LUNGS: Normal.  
 TRACHEA: Normal.  
 PLEURA: Normal.  
 HEART: Normal.  
 PULMONARY HILA: Normal.  
 AORTA: Normal.  
 OTHER VISUALIZED BONES: Normal.  
 VISUALIZED SOFT TISSUES: Normal.  
 DIAPHRAGM: Normal.  
 VISUALIZED ABDOMEN: Normal.

**IMPRESSION:**

XR- CHEST PA VIEW

Normal study.

Clinical correlation is recommended and further evaluation, as clinically indicated.



Dr. Prakash Naik, MBBS, DMRD, FRCR [UK],

Consultant Radiologist, Reg No 63755

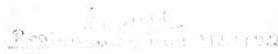
## LABORATORY REPORT

Name	GUNJAN KHURANA	Age	44y 1m 17d	Gender	FEMALE
MRN	GHZB-0000177743	Visit No	V0000000001-GHZB		
Lab No	G000327200	Collected On	27/08/2022 10:03AM	Received On	27/08/2022 10:10AM
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)	93 mg/dl		70 - 110 mg/dl	

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

Processed by :- SHAHID SAIFI

  
 Post Graduate Trainee MBBS  
**DR CHARU AGARWAL**  
 CONSULTANT PATHOLOGIST

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Page 1 of 1

## LABORATORY REPORT

Name	GUNJAN KHURANA	Age	44y 1m 17d	Gender	Female
MRN	GHZB-0000177743	Visit No	V0000000001-GHZB		
Lab No	G000327260	Collected On	27/08/2022 1:46PM	Received On	27/08/2022 1:46PM
Referred By	Deepak Verma	Reported On	27/08/2022 2:44PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS (Serum Post Prandial)	155 mg/dl		80 -140 mg/dl	

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

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DR. ANIL KUMAR  
CONSULTANT  
PATHOLOGIST

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Page 1 of 1

## LABORATORY REPORT

Name	GUNJAN KHURANA	Age	44y 1m 17d	Gender	M
MRN	GHZB-0000177743	Visit No	V0000000001-GH20		
Lab No	G000327201	Collected On	27/08/2022 10:04AM	Received On	28/08/2022 12:00AM
Referred By	Deepak Verma	Reported On	27/08/2022 4:20PM		

**Test Name**

**Result**

**BLOOD GROUP (A, B, O) AND RH FACTOR WITH REVERSE GROUPING (Whole Blood)**

BLOOD GROUPING

" O "

RH TYPING

POSITIVE

ESR (WESTERGREN),AUTOMATED ERYTHROCYTE  
SEDIMENTATION RATE

**55 mm/1st hour**

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

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DR. DEEPTI KUMARI  
GENERAL PRACTITIONER  
LOGIC

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Page 1 of 5

## LABORATORY REPORT

Name	GUNJAN KHURANA	Age	44y 1m 17d	Gender	FEMALE
MRN	GHZB-0000177743	Visit No	V0000000001-GHZB		
Lab No	G000327201	Collected On	27/08/2022 10:07 AM	Received On	27/08/2022 10:27 AM
Referred By	Deepak Verma	Reported On	27/08/2022 11:00 AM		

Test Name	Result	Reference Range
HEMOGLOBIN, HB	<b>11.3 g/dl</b>	12 - 16 g/dl
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	34.0 g/dl	32 - 36 g/dl
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	<b>35.6 pg</b>	27 - 31 pg
MEAN CORPUSCULAR VOLUME, MCV	<b>104.7 fl</b>	87 - 101 fl
PLATELET COUNT	163 x10 <sup>3</sup> cells/ Cumm	150-400 x10 <sup>3</sup> cells/ Cumm
RED BLOOD CELLS, RBC COUNT	<b>3.17 million/ cu mm</b>	4.0 - 5.5 million/ cu mm
RED CELL DISTRIBUTION WIDTH, RDW	13.4 %	11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	5.40 x10 <sup>3</sup> cells/ Cumm	4.0 - 11.0 x10 <sup>3</sup> cells/ Cumm
HEMATOCRIT (HCT)	<b>33.2 %</b>	37 - 47 %
BASOPHILS	00 %	0 - 2 %
EOSINOPHILS	<b>01 %</b>	1 - 5 %
LYMPHOCYTES	<b>13 %</b>	20 - 40 %
MONOCYTES	06 %	2 - 8 %
NEUTROPHILS	80 %	50 - 70 %

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

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DR. C. S. VERMA  
CONSULTANT

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## LABORATORY REPORT

Name	GUNJAN KHURANA	Age	44y 1m 17d	Gender	
MRN	GHZB-0000177743	Visit No	V0000000001-GH13		
Lab No	G000327201	Collected On	27/08/2022 10:00 AM	Received On	27/08/2022 11:11 AM
Referred By	Deepak Verma	Reported On	27/08/2022 4:30 PM		

Test Name	Result	Criticality Factor	Biochemistry Reference Interval
HBA1C (Whole Blood)	4.6 %		Normal: < 5.7 % Increase: > 5.7 % for Diabetes (Pre-diabetes): 5.7 - 6.4 % Diabetes: > 6.5 % If you are a diabetic, please consult your doctor for your HbA1c target.

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

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DR. AVNEESH KUMAR  
CONSULTANT

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Page 1 of 5

## LABORATORY REPORT

Name	GUNJAN KHURANA	Age	44y 1m 17d	Gender	F
MRN	GHZB-0000177743	Visit No	V0000000001-01000		
Lab No	G000327201	Collected On	27/08/2022 10:57 AM	Received On	27/08/2022 11:00 AM
Referred By	Deepak Verma	Reported On	27/08/2022 11:00 AM		

Test Name	Result	Criticality Factor	Biological Reference	Method
<b>KIDNEY FUNCTION TESTS (Serum)</b>				
UREA	21.4 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	0.91 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	5.7 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	<b>130.8 mmol/L</b>		136 - 145 mmol/L	
POTASSIUM, SERUM	4.44 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	<b>97.6 mmol/L</b>		101 - 111 mmol/L	
<b>LIPID PROFILE (Serum)</b>				
CHOLESTEROL, TOTAL	132 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	144 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	52 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	51 mg/dl		0 - 120 mg/dl	
Cholesterol, VLDL	29 mg/dl		0 - 35 mg/dl	
<b>LIVER FUNCTION TESTS (Serum)</b>				
BILIRUBIN, TOTAL	0.52 mg/dl		0.3 - 1.2 mg/dl	
BILIRUBIN, DIRECT	0.10 mg/dl		0 - 0.3 mg/dl	
Report Printed On:	29/8/2022	9:09AM		Page 1 of 5


## LABORATORY REPORT

Name	GUNJAN KHURANA	Age	44y 1m 17d	Gender	FEMALE
MRN	GHZB-0000177743	Visit No	V0000000001-35000		
Lab No	G000327201	Collected On	27/08/2022 10:11 AM	Received On	27/08/2022 10:11 AM
Referred By	Deepak Verma	Reported On	27/08/2022		

Test Name	Result	Criticality Factor	Biological Reference Interval
Indirect Bilirubin	0.42		0.1 - 1.2 mg/dl
TOTAL PROTEIN, SERUM	6.5 g/dl		6.6 - 8.3 g/dl
ALBUMIN, SERUM	4.20 g/dl		3.5 - 5.0 g/dl
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.83		1:1 - 2:1
GLOBULIN, SERUM	2.3		2.3 - 4.8 g/dl
SGPT	35 IU/L		14 - 54 IU/L
SGOT	35 IU/L		0 - 48 IU/L
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	42 IU/L		7 - 50 IU/L
ALKALINE PHOSPHATASE, ALP	62 IU/L		32 - 91 IU/L

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

Processed by :- SHAHID SAIFI

  
 DR. CHANDRA AGARWAL  
 CONSULTANT, INTERNAL MEDICINE

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Page 1 of 5

## LABORATORY REPORT

Name	GUNJAN KHURANA	Age	44y 1m 17d	Gender	F
MRN	GHZB-0000177743	Visit No	V0000000001-C	Received On	27/08/2022
Lab No	G000327229	Collected On	27/08/2022 11:00	Reported On	27/08/2022
Referred By	Deepak Verma	Reported On	27/08/2022		

Criticality  
Not

### Test Name

### Result

#### URINE EXAMINATION, ROUTINE (Urine)

##### PHYSICAL EXAMINATION

Colour P.YELLOW  
Appearance S.TURBID  
pH 6.5  
Specific gravity 1.005

##### CHEMICAL EXAMINATION

Glucose Nil  
Protein Absent  
Ketone bodies Absent  
Urobilinogen Absent

##### MICROSCOPIC EXAMINATION

Leukocytes 6-8 /HPF  
Erythrocytes 1-2 /HPF  
Epithelial Cells 10-15 /HPF  
Casts NIL  
Crystals NIL  
Others NIL

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

Processed by :- AVNEESH KUMAR

DR ALY  
CONSULTANT  
PAT

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INVESTIGATION REPORT

Patient Name : Mrs. GUNJAN KHURANA	Location	Ghaziabad
Age/Sex : 44Year(s)/Female	Visit No	: V00000000001-GHZB
MRN No : GHZB-0000177743	Order Date	: 27/8/2022
Ref. Doctor : HCP	Report Date	: 27/8/2022

Echocardiography

**Final Interpretation**

1. No RWMA, LVEF=60%.
2. Normal cardiac chambers.
3. Grade I LV diastolic dysfunction (E=A).
4. Trace MR, No AR.
5. Trace TR, Normal PASP.
6. No intracardiac clot/mass/pericardial pathology.

**Chambers & valves:**

- **Left Ventricle:** It is normal sized.
- **Left Atrium:** It is normal sized.
- **Right Atrium:** It is normal sized.
- **Right Ventricle:** It is normal sized.
- **Aortic Valve:** It appears normal.
- **Mitral Valve:** Opens normally. Subvalvular apparatus appear normal.
- **Tricuspid Valve:** It appears normal.
- **Pulmonic Valve:** It appears normal.
- **Main Pulmonary artery & its branches:** Appear normal.
- **Pericardium:** There is no pericardial effusion.

**Description:**

- LV is normal size with normal contractility.

Manipal Hospital, Ghaziabad

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Manipal Health Enterprises Private Limited

CIN: U85110KA2003PTC033055

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