

RADIOLOGY REPORT

Name	MANOJ KUMAR SAHAI	Modality	US
Patient ID	GHZB-0000173933	Accession No	1100985
Gender/Age	M / 52Y 4M 3D	Scan Date	30-05-2022 10:29:02
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 12:15:34

USG ABDOMEN & PELVIS**FINDINGS**

LIVER: appears normal in size (measures 148 mm) shape but shows diffuse increase in liver echotexture, in keeping with diffuse grade I fatty infiltration. Rest normal.

SPLEEN: Spleen is normal in size (measures 90 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears normal in size and measures 10.7 mm.

COMMON BILE DUCT: Appears normal in size and measures 3.2 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 96 x 51 mm. It shows three concretions measuring 4.1 mm, 4.6 mm and 4.1 mm at mid and upper calyx respectively.

Left Kidney: measures 97 x 45 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 39 x 30 x 29 mm with volume 18 cc. Rest normal.

SEMINAL VESICLES: Normal.

BOWEL: Visualized bowel loops appear normal.

IMPRESSION

-Diffuse grade I fatty infiltration in liver.

-Right renal concretions.

Recommend clinical correlation.

This document is digitally signed and hence no manual signature is required

Teleradiology services provided by Manipal Hospitals Radiology Group

NH-24, Hapur Road, Near Landcraft Golflinks, Ghaziabad - 201002

www.manipalhospitals.com

Page 1 of 2

This report is subject to the terms and conditions mentioned overleaf

RADIOLOGY REPORT

Name	MANOJ KUMAR SAHAI	Modality	US
Patient ID	GHZB-0000173933	Accession No	1100985
Gender / Age	M / 52Y 4M 3D	Scan Date	30-05-2022 10:29:02
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 12:15:34



Dr. Monica Shekhawat, MBBS, DNB,
Consultant Radiologist, Reg No MCI 11 10887

This document is digitally signed and hence no manual signature is required

Teleradiology services provided by Manipal Hospitals Radiology Group
MANIPAL HOSPITALS

NH-24, Hapur Road, Near Landcraft Golflinks, Ghaziabad - 201002

Page 2 of 2

www.manipalhospitals.com

This report is subject to the terms and conditions mentioned overleaf

RADIOLOGY REPORT

Name	MANOJ KUMAR SAHAI	Modality	DX
Patient ID	GHZB-0000173933	Accession No	1100984
Gender / Age	M / 52Y 4M 3D	Scan Date	30-05-2022 09:59:24
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 11:01:57

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

No significant abnormality.

Recommended clinical correlation.

This document is digitally signed and hence no manual signature is required

Teleradiology services provided by Manipal Hospitals Radiology Group

NH-24, Hapur Road, Near Landcraft Golflinks, Ghaziabad - 201002

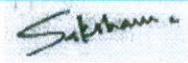
www.manipalhospitals.com

Page 1 of 2

This report is subject to the terms and conditions mentioned overleaf

RADIOLOGY REPORT

Name	MANOJ KUMAR SAHAI	Modality	DX
Patient ID	GHZB-0000173933	Accession No	1100984
Gender/Age	M / 52Y 4M 3D	Scan Date	30-05-2022 09:59:24
Ref. Phys	Dr. Vinay Bhat	Report Date	30-05-2022 11:01:57



Dr. Saksham Bansal, MBBS, MD, DNB, FRCR.
Consultant Radiologist, Reg No DMC-R-010695

This document is digitally signed and hence no manual signature is required

Teleradiology services provided by Manipal Hospitals Radiology Group

NH-24, Hapur Road, Near Landcraft Golflinks, Ghaziabad - 201002

www.manipalhospitals.com

Page 2 of 2

This report is subject to the terms and conditions mentioned overleaf

LABORATORY REPORT

Name	MANOJ KUMAR SAHAI	Age	52y 4m 5d	Gender	MALE
MRN	GHZB-0000173933	Visit No	V0000000001-GHZB		
Lab No	G000318122	Collected On	30/05/2022 12:04PM	Received On	30/05/2022 12:04PM
Referred By	Vinay Bhat	Reported On	30/05/2022 12:26PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
-----------	--------	--------------------	-------------------------------

URINE EXAMINATION, ROUTINE (Urine)

PHYSICAL EXAMINATION

Colour	P.YELLOW
Appearance	CLEAR
pH	5.0
Specific gravity	1.010

CHEMICAL EXAMINATION


Glucose	Nil
Protein	Absent
Ketone bodies	Absent
Urobilinogen	Absent

MICROSCOPIC EXAMINATION

Leukocytes	1-2/HPF
Erythrocytes	NIL
Epithelial Cells	0-1/HPF
Casts	NIL
Crystals	NIL
Others	NIL

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

Processed by :- KAPIL GAUR


 Registration No: 42422
DR CHARU AGARWAL
 CONSULTANT PATHOLOGIST
 Pathologist

Report Printed On: 2/6/2022 4:17PM

Page 1 of 1

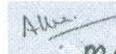
LABORATORY REPORT

Name	MANOJ KUMAR SAHAI	Age	52y 4m 5d	Gender	MALE
MRN	GHZB-0000173933	Visit No	V0000000001-GHZB		
Lab No	G000318178	Collected On	30/05/2022 3:49PM	Received On	30/05/2022 3:50PM
Referred By	Vinay Bhat	Reported On	30/05/2022 5:27PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS (Serum Post Prandial)	86 mg/dl		80 -140 mg/dl	

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

Processed by :- KAPIL GAUR


MCT-39093
DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

Report Printed On: 2/6/2022 4:17PM

Page 1 of 1

LABORATORY REPORT

Name	MANOJ KUMAR SAHAI	Age	52y 4m 5d	Gender	MALE
MRN	GHZB-0000173933	Visit No	V0000000001-GHZB		
Lab No	G000318116	Collected On	30/05/2022 9:49AM	Received On	30/05/2022 9:49AM
Referred By	Vinay Bhat	Reported On	30/05/2022 5:45PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
BLOOD GROUP (A, B, O) AND RH FACTOR WITH REVERSE GROUPING (Whole Blood)			
BLOOD GROUPING	"B"		
RH TYPING	POSITIVE		
ESR (WESTERGREN),AUTOMATED ERYTHROCYTE SEDIMENTATION RATE	07 mm/1st hour		0 - 15 mm/Hr

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

Processed by :- DEEPTI KUMARI

Alka
MCT-39093
DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

LABORATORY REPORT

Name	MANOJ KUMAR SAHAI	Age	52y 4m 5d	Gender	MALE
MRN	GHZB-0000173933	Visit No	V0000000001-GHZB		
Lab No	G000318116	Collected On	30/05/2022 9:49AM	Received On	30/05/2022 9:49AM
Referred By	Vinay Bhat	Reported On	30/05/2022 10:54AM		

Test Name	Result	Criticality Factor	Biological Reference Interval
HEMOGLOBIN, HB	15.2 g/dl		12 - 16 gm/ dl
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	34.6 g/dl		33 - 36%
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	30.9 pg		26 -34 pg
MEAN CORPUSCULAR VOLUME, MCV	89.2 fl		77 - 97 fl
PLATELET COUNT	171 x10 ³ cells/ Cumm		150x10 ³ - 400x10 ³ cells/cumm
RED BLOOD CELLS, RBC COUNT	4.92 million/cu mm		3.8 - 5.3 millions /cumm
RED CELL DISTRIBUTION WIDTH, RDW	13.4 %		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	5.47 x10 ³ cells/ Cumm		4x10 ³ - 11x10 ³ cells/cumm
HEMATOCRIT (HCT)	43.9 %		34 -45%
BASOPHILS	00 %		0 - 2%
EOSINOPHILS	07 %		2 -7 %
LYMPHOCYTES	42 %		17 - 45 %
MONOCYTES	07 %		4 -13%
NEUTROPHILS	44 %		40 - 80%

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

Processed by :- DEEPTI KUMARI

Dr. Charu Agarwal
 Registration No: 451422
DR CHARU AGARWAL
 CONSULTANT PATHOLOGIST
 Pathologist

Report Printed On: 2/6/2022 4:17PM

Page 2 of 5

LABORATORY REPORT

Name	MANOJ KUMAR SAHAI	Age	52y 4m 5d	Gender	MALE
MRN	GHZB-0000173933	Visit No	V0000000001-GHZB		
Lab No	G000318116	Collected On	30/05/2022 9:49AM	Received On	30/05/2022 9:49AM
Referred By	Vinay Bhat	Reported On	30/05/2022 5:25PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
HBA1C (Whole Blood)	5.6 %		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 *****

Alka
MCT-39093

DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

Processed by :- KAPIL GAUR

Report Printed On: 2/6/2022 4:17PM

Page 3 of 5

LABORATORY REPORT

Name	MANOJ KUMAR SAHAI	Age	52y 4m 5d	Gender	MALE
MRN	GHZB-0000173933	Visit No	V0000000001-GHZB		
Lab No	G000318116	Collected On	30/05/2022 9:49AM	Received On	30/05/2022 9:49AM
Referred By	Vinay Bhat	Reported On	30/05/2022 11:07AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
KIDNEY FUNCTION TESTS (Serum)				
UREA	27.6 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	1.09 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	6.2 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	137.7 mmol/L		136 - 144 mmol/ L	
POTASSIUM, SERUM	4.55 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	102.8 mmol/L		101 - 111 mmol/L	
LIPID PROFILE (Serum)				
CHOLESTEROL, TOTAL	214 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	126 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	47 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	142 mg/dl		0 -120 mg/dl	
Cholesterol, VLDL	25 mg/dl		0 - 35 mg/dl	
LIVER FUNCTION TESTS (Serum)				
BILIRUBIN, TOTAL	0.58 mg/dl		0.3 -1.2 mg/dl	
BILIRUBIN, DIRECT	0.10 mg/dl		0 - 0.3 mg/dl	

Report Printed On: 2/6/2022 4:17PM

Page 4 of 5


LABORATORY REPORT

Name	MANOJ KUMAR SAHAI	Age	52y 4m 5d	Gender	MALE
MRN	GHZB-0000173933	Visit No	V0000000001-GHZB		
Lab No	G000318116	Collected On	30/05/2022 9:49AM	Received On	30/05/2022 9:49AM
Referred By	Vinay Bhat	Reported On	30/05/2022 11:07AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
Indirect Bilirubin	0.48		0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	7.3 g/dl		6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.32 g/dl		3.5 - 5.2 gm/dl	
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.45		1:1 - 2.5:1	
GLOBULIN, SERUM	3.0			
SGPT	12 IU/L		17 - 63 IU/L	
SGOT	18 IU/L		0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	15 IU/L		7 -50 U/L	
ALKALINE PHOSPHATASE, ALP	64 IU/L		32 -91 IU/L	

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

Processed by :- DEEPTI KUMARI


 Registration No: 42422
DR CHARU AGARWAL
 CONSULTANT PATHOLOGIST
 Pathologist

Report Printed On: 2/6/2022 4:17PM

Page 5 of 5

LABORATORY REPORT

Name	MANOJ KUMAR SAHAI	Age	52y 4m 6d	Gender	MALE
MRN	GHZB-0000173933	Visit No	V0000000001-GHZB		
Lab No	G000318222	Collected On	31/05/2022 9:25AM	Received On	31/05/2022 9:28AM
Referred By	Vinay Bhat	Reported On	31/05/2022 5:56PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
-----------	--------	--------------------	-------------------------------

STOOL EXAMINATION, ROUTINE, STOOL, R/E (Stool)

PHYSICAL EXAMINATION

Colour	Brownish
Consistency	Semisolid
Mucus	Absent

CHEMICAL EXAMINATION

Occult Blood	Negative
--------------	----------

MICROSCOPIC EXAMINATION

Cyst	Not seen
Erythrocytes	Not seen
Pus cells	Not seen
Ova	Not seen

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

Processed by :- SHAHID SAIFI


Registration No. 5416
DR ASHUTOSH RAWAT

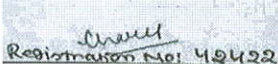
MICROBIOLOGIST

Report Printed On: 2/6/2022 4:17PM

Page 1 of 1

LABORATORY REPORT

Name	MANOJ KUMAR SAHAI	Age	52y 4m 5d	Gender	MALE
MRN	GHZB-0000173933	Visit No	V0000000001-GHZB		
Lab No	G000318115	Collected On	30/05/2022 9:48AM	Received On	30/05/2022 9:49AM
Referred By	Vinay Bhat	Reported On	30/05/2022 10:48AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, FASTING (F) (Serum Fasting)	97 mg/dl		70 - 110 mg/dl	
***** END OF REPORT *****				
Processed by :- DEEPTI KUMARI				 Registration No: 42422 DR CHARU AGARWAL CONSULTANT PATHOLOGIST Pathologist

Report Printed On: 2/6/2022 4:17PM

Page 1 of 1



HCMCT

Manipal Hospitals

LIFE'S ON



Name : MANOJ KUMAR SAHAI
Registration No : MH010131750
Patient Episode : R03000037877
Referred By : MANIPAL HOSPITALS GHAZIABAD
Receiving Date : 30 May 2022 13:42

Age : 52 Yr(s) Sex : Male
Lab No : 32220510040
Collection Date : 30 May 2022 13:34
Reporting Date : 30 May 2022 15:41

BIOCHEMISTRY

THYROID PROFILE, Serum

			Adult > 20 yrs
T3 - Triiodothyronine (ECLIA)	1.40	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	8.26	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	4.660 #	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>

Page 1 of 1

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

Dr. Neelam Singal
CONSULTANT BIOCHEMISTRY



HCMCT

ManipalHospitals

LIFE'S ON



Name : MANOJ KUMAR SAHAI
Registration No : MH010131750
Patient Episode : R03000037877
Referred By : MANIPAL HOSPITALS GHAZIABAD
Receiving Date : 30 May 2022 13:42

Age : 52 Yr(s) Sex :Male
Lab No : 32220510040
Collection Date : 30 May 2022 13:34
Reporting Date : 30 May 2022 15:41

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
TOTAL PSA, Serum (ECLIA)	1.620	ng/mL	[<3.500]

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.

Page 1 of 1

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

Dr. Neelam Singal
CONSULTANT BIOCHEMISTRY



TMT INVESTIGATION REPORT

Patient Name : Mr. MANOJ KUMAR SAHAI	Location : Ghaziabad
Age/Sex : 52Year(s)/male	Visit No : V0000000001-GHZB
MRN No : GHZB-0000173933	Order Date : 30/5/2022
Ref. Doctor : HCP	Report Date : 30/5/2022

Protocol : Bruce **MPHR** : 168BPM
Duration of exercise : 7min 0Gsec **85% of MPH** : 142BPM
Reason for termination : THR achieved **Peak HR Achieved** : 145BPM
Blood Pressure (mmHg) : Baseline BP : 126/84mmHg **% Target HR** : 86%
Peak BP : 142/88mmHg **METS** : 8.7METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	85	126/84	Nil	No ST changes seen	Nil
STAGE 1	3:00	104	130/84	Nil	No ST changes seen	Nil
STAGE 2	3:00	129	138/84	Nil	No ST changes seen	Nil
STAGE 3	1:06	145	142/88	Nil	ST depression in inferolateral leads	Nil
RECOVERY	5:15	90	130/86	Nil	ST changes persisted	Nil

COMMENTS:

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

IMPRESSION:

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

Dr. Bhupendra SinghMD, DM (CARDIOLOGY),FACC
Sr. Consultant Cardiology**Dr. Abhishek Singh**MD, DNB (CARDIOLOGY),MNAMS
Sr.Consultant Cardiology**Dr. Sudhanshu Mishra**MD
Cardiology Registrar