



TMT INVESTIGATION REPORT

Patient Name : Mr. PAWAN KUMAR	Location : Ghaziabad
Age/Sex : 44Year(s)/male	Visit No : V0000000001-GHZB
MRN No : GHZB-0000179087	Order Date : 24/9/2022
Ref. Doctor : HCP	Report Date : 24/9/2022

Protocol : Bruce **MPHR** : 177BPM
Duration of exercise : 9min 14sec **85% of MPHR** : 150BPM
Reason for termination : THR achieved **Peak HR Achieved** : 152BPM
Blood Pressure (mmHg) : Baseline BP : 112/70mmHg **% Target HR** : 85%
 Peak BP : 130/70mmHg **METS** : 10.4METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	64	112/70	Nil	No ST changes seen	Nil
STAGE 1	3:00	109	112/70	Nil	No ST changes seen	Nil
STAGE 2	3:00	146	124/70	Nil	No ST changes seen	Nil
STAGE 3	3:00	149	130/70	Nil	No ST changes seen	Nil
STAGE 4	0:14	152	130/70	Nil	No ST changes seen	Nil
RECOVERY	4:15	87	120/70	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.
- Good 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 62 bpm
 PR interval 118 ms
 QRS duration 88 ms
 QT/QTc 390/395 ms
 P-R-T axes 51 48 43

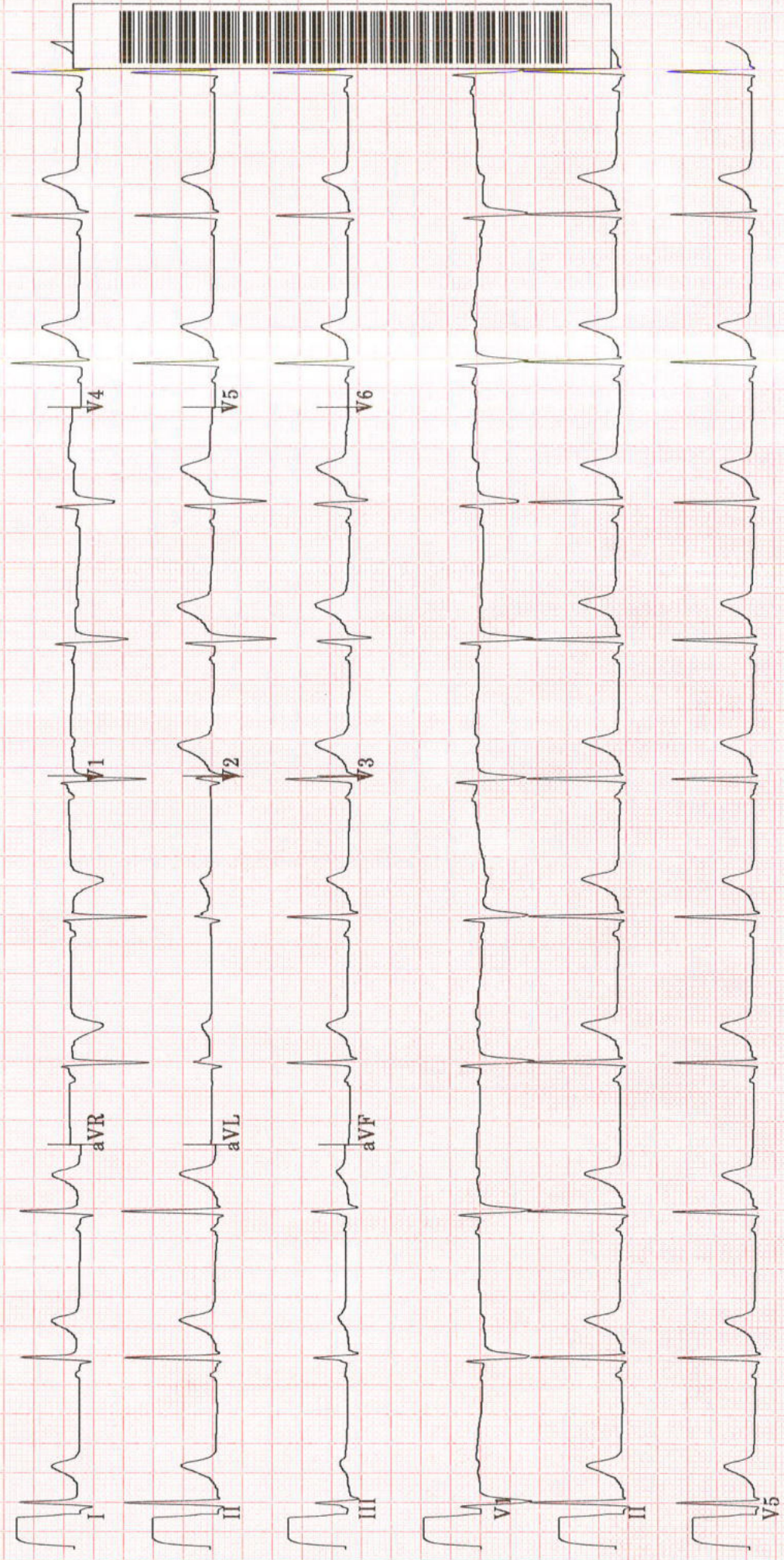
Normal sinus rhythm
 Normal ECG

43years
 Male
 Caucasian

Technician:
 Test ind:

Unconfirmed

Referred by:



HCMCT

Manipal Hospitals

LIFE'S ON



Name : PAWAN KUMAR
Registration No : MH010450782
Patient Episode : R03000043940
Referred By : MANIPAL HOSPITALS GHAZIABAD
Receiving Date : 24 Sep 2022 13:45

Age : 43 Yr(s) Sex : Male
Lab No : 32220908658
Collection Date : 24 Sep 2022 13:23
Reporting Date : 24 Sep 2022 15:46

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
TOTAL PSA, Serum (ECLIA)	1.420	ng/mL	[<2.500]

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

Human Care Medical Charitable Trust

Adjoining MTNL Building, Main Road, Sector 6, Dwarka, New Delhi - 110075.

Phone: +91 11 4967 4967 | www.manipalhospitals.com | www.hcmct.in

HCMCT

Manipal Hospitals

LIFE'S ON



Name : PAWAN KUMAR
Registration No : MH010450782
Patient Episode : R03000043940
Referred By : MANIPAL HOSPITALS GHAZIABAD
Receiving Date : 24 Sep 2022 13:45

Age : 43 Yr(s) Sex : Male
Lab No : 32220908658
Collection Date : 24 Sep 2022 13:23
Reporting Date : 24 Sep 2022 15:46

BIOCHEMISTRY

THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)	1.06	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	5.63	mcg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	2.790	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

Human Care Medical Charitable Trust

Adjoining MTNL Building, Main Road, Sector 6, Dwarka, New Delhi - 110075.

Phone: +91 11 4967 4967 | www.manipalhospitals.com | www.hcmct.in

RADIOLOGY REPORT

Name	PAWAN KUMAR	Modality	US
Patient ID	GHZB-0000179087	Accession No	1143616
Gender/Age	M / 43Y 8M 17D	Scan Date	24-09-2022 09:48:04
Ref. Phys	Dr. Vinay Bhat	Report Date	24-09-2022 11:00:52

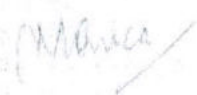
**USG ABDOMEN & PELVIS
FINDINGS**

LIVER: appears enlarged in size (measures 154 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 87 mm), shape and echotexture. Rest normal.
 PORTAL VEIN: Appears upper limit of normal in size and measures 12.4 mm.
 COMMON BILE DUCT: Appears normal in size and measures 5.1 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 93 x 35 mm. It shows a concretion measuring 3.2 mm at upper calyx.
 Left Kidney: measures 99 x 52 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 43 x 28 x 26 mm with volume 17 cc. Rest normal.
 SEMINAL VESICLES: Normal.
 BOWEL: Visualized bowel loops appear normal.

IMPRESSION

- Hepatomegaly with diffuse grade I fatty infiltration in liver.
- Right renal concretion.

Recommend clinical correlation.



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

MANIPAL HOSPITALS

This document is digitally signed and hence no manual signature is required
 NH-24, Hapur Road, Near Landcraft Golflinks, Ghaziabad - 201002
 Teleradiology services provided by Manipal Hospitals Radiology Group
 www.manipalhospitals.com

RADIOLOGY REPORT

Name	PAWAN KUMAR	Modality	DX
Patient ID	GHZB-0000179087	Accession No	1143617
Gender/Age	M / 43Y 8M 17D	Scan Date	24-09-2022 08:47:26
Ref. Phys	Dr. Vinay Bhat	Report Date	24-09-2022 10:59:42

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: Old united fracture of mid shaft of right Clavicle is seen. Rest normal.

VISUALIZED SOFT TISSUES: Normal.

DIAPHRAGM: Normal.

VISUALIZED ABDOMEN: Normal.

VISUALIZED NECK: Normal.

IMPRESSION:

No significant abnormality noted in chest.**Old united fracture of mid shaft of right Clavicle.**

Recommend clinical correlation.



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

MANIPAL HOSPITALS

This document is digitally signed and hence its authenticity is required

Teleradiology services provided by Manipal Hospitals Radiology Group
www.manipalhospitals.com

LABORATORY REPORT

Name	PAWAN KUMAR	Age	43y 8m 18d	Gender	MALE
MRN	GHZB-0000179087	Visit No	V0000000001-GHZB		
Lab No	G000330514	Collected On	24/09/2022 8:37AM	Received On	24/09/2022 8:38AM
Referred By	Vinay Bhat	Reported On	24/09/2022 10:06AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, FASTING (F) (Serum Fasting)	91 mg/dl		70 - 110 mg/dl	

..... END OF REPORT

Processed by :- DEEPTI KUMARI


Registration No: 45422
DR CHARU AGARWAL
CONSULTANT PATHOLOGIST
Pathologist

LABORATORY REPORT

Name	PAWAN KUMAR	Age	43y 8m 18d	Gender	MALE
MRN	GHZB-0000179087	Visit No	V0000000001-GHZB		
Lab No	G000330517	Collected On	24/09/2022 8:56AM	Received On	24/09/2022 8:56AM
Referred By	Vinay Bhat	Reported On	24/09/2022 10:14AM		

Test Name	Result	Criticality Factor	Biological Reference Interval
URINE EXAMINATION, ROUTINE (Urine)			
PHYSICAL EXAMINATION			
Colour	P.YELLOW		
Appearance	CLEAR		
pH	7.0		
Specific gravity	1.005		
CHEMICAL EXAMINATION			
Glucose	Nil		
Protein	Absent		
Ketone bodies	Absent		
Urobilinogen	Absent		
MICROSCOPIC EXAMINATION			
Leukocytes	1-2/HPF		
Erythrocytes	NIL		
Epithelial Cells	1-2/HPF		
Casts	NIL		
Crystals	NIL		
Others	NIL		

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

Processed by :- DEEPTI KUMARI

Charu
 Registration No: 419422
DR CHARU AGARWAL
 CONSULTANT PATHOLOGIST
 Pathologist

Report Printed On: 24/9/2022 4:45PM

Page 1 of 1

LABORATORY REPORT

Name	PAWAN KUMAR	Age	43y 8m 18d	Gender	MALE
MRN	GHZB-0000179087	Visit No	V0000000001-GHZB		
Lab No	G000330535	Collected On	24/09/2022 12:15PM	Received On	24/09/2022 12:15PM
Referred By	Vinay Bhat	Reported On	24/09/2022 2:03PM		

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

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

PHYSICAL EXAMINATION

Colour	BROWNISH
Consistency	SEMI SOLID
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 :- SHAHRUKH KHAN

Registration No. 5416
DR ASHUTOSH RAWAT
MICROBIOLOGIST

Report Printed On: 24/9/2022 4:45PM

Page 1 of 1

LABORATORY REPORT

Name	PAWAN KUMAR	Age	43y 8m 18d	Gender	MALE
MRN	GHZB-0000179087	Visit No	V0000000001-GHZB		
Lab No	G000330539	Collected On	24/09/2022 12:23PM	Received On	24/09/2022 12:23PM
Referred By	Vinay Bhat	Reported On	24/09/2022 2:19PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS (Serum Post Prandial)	88 mg/dl		80 -140 mg/dl	

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

Processed by :- SHAHRUKH KHAN

Alka
MCT-39093
DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

Report Printed On: 24/9/2022 4:45PM

Page 1 of 1

LABORATORY REPORT

Name	PAWAN KUMAR	Age	43y 8m 18d	Gender	MALE
MRN	GHZB-0000179087	Visit No	V0000000001-GHZB		
Lab No	G000330515	Collected On	24/09/2022 8:38AM	Received On	24/09/2022 8:38AM
Referred By	Vinay Bhat	Reported On	24/09/2022 4:34PM		

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		

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

Processed by :- SHAHRUKH KHAN

Alka
MCT-39093
DR ALKA DIXIT VATS
CONSULTANT PATHOLOGIST
PATHOLOGIST

Report Printed On: 24/9/2022 4:45PM

Page 1 of 5

LABORATORY REPORT

Name	PAWAN KUMAR	Age	43y 8m 18d	Gender	MALE
MRN	GHZB-0000179087	Visit No	V0000000001-GHZB		
Lab No	G000330515	Collected On	24/09/2022 8:38AM	Received On	24/09/2022 8:38AM
Referred By	Vinay Bhat	Reported On	24/09/2022 9:38AM		

Test Name	Result	Criticality Factor	Biological Reference Interval
HEMOGLOBIN, HB	15.9 g/dl		12 - 16 gm/ dl
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	36.7 g/dl		33 - 36%
ESR (WESTERGREN),AUTOMATED ERYTHROCYTE SEDIMENTATION RATE	10 mm/1st hour		0 - 15 mm/Hr
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	31.8 pg		26 -34 pg
MEAN CORPUSCULAR VOLUME, MCV	86.6 fl		77 - 97 fl
PLATELET COUNT	173 x10 ³ cells/ Cumm		150x10 ³ - 400x10 ³ cells/cumm
RED BLOOD CELLS, RBC COUNT	5.00 million/cu mm		3.8 - 5.3 millions /cumm
RED CELL DISTRIBUTION WIDTH, RDW	14.3 %		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMATED	7.59 x10 ³ cells/ Cumm		4x10 ³ - 11x10 ³ cells/cumm
HEMATOCRIT (HCT)	43.3 %		34 -45%
BASOPHILS	00 %		0 - 2%
EOSINOPHILS	02 %		2 - 7 %
LYMPHOCYTES	27 %		17 - 45 %
MONOCYTES	06 %		4 -13%
NEUTROPHILS	65 %		40 - 80%

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

Processed by :- DEEPTI KUMARI

Charu
Registration No: 420422
DR CHARU AGARWAL
CONSULTANT PATHOLOGIST
Pathologist

Report Printed On: 24/9/2022 4:45PM

Page 2 of 5

LABORATORY REPORT

Name	PAWAN KUMAR	Age	43y 8m 18d	Gender	MALE
MRN	GHZB-0000179087	Visit No	V0000000001-GHZB		
Lab No	G000330515	Collected On	24/09/2022 8:38AM	Received On	24/09/2022 8:38AM
Referred By	Vinay Bhat	Reported On	24/09/2022 10:11AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
KIDNEY FUNCTION TESTS (Serum)				
UREA	19.3 mg/dl		15 - 40 mg/dl	
CREATININE, SERUM	0.76 mg/dl		0.7 - 1.2 mg/dl	
URIC ACID	5.1 mg/dl		4 - 8.5 mg/dl	
SODIUM, SERUM	137.4 mmol/L		136 - 144 mmol/ L	
POTASSIUM, SERUM	4.33 mmol/L		3.6 - 5.1 mmol/L	
CHLORIDE, SERUM	105.3 mmol/L		101 - 111 mmol/L	
LIPID PROFILE (Serum)				
CHOLESTEROL, TOTAL	190 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	130 mg/dl		Upto 150 mg/dl	
CHOLESTEROL, HDL, DIRECT	42 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, LDL, DIRECT	122 mg/dl		0 -120 mg/dl	
Cholesterol, VLDL	26 mg/dl		0 - 35 mg/dl	
LIVER FUNCTION TESTS (Serum)				
BILIRUBIN, TOTAL	0.41 mg/dl		0.3 -1.2 mg/dl	
BILIRUBIN, DIRECT	0.08 mg/dl		0 - 0.3 mg/dl	

Report Printed On: 24/9/2022 4:45PM

Page 4 of 5


LABORATORY REPORT

Name	PAWAN KUMAR	Age	43y 8m 18d	Gender	MALE
MRN	GHZB-0000179087	Visit No	V0000000001-GHZB		
Lab No	G000330515	Collected On	24/09/2022 8:38AM	Received On	24/09/2022 8:38AM
Referred By	Vinay Bhat	Reported On	24/09/2022 4:42PM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
HBA1C (Whole Blood)	5.0 %		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 :- SHAHRUKH KHAN


 MCT-39093
DR ALKA DIXIT VATS
 CONSULANT PATHOLOGIST
 PATHOLOGIST

LABORATORY REPORT

Name	PAWAN KUMAR	Age	43y 8m 18d	Gender	MALE
MRN	GHZB-0000179087	Visit No	V0000000001-GHZB		
Lab No	G000330515	Collected On	24/09/2022 8:38AM	Received On	24/09/2022 8:38AM
Referred By	Vinay Bhat	Reported On	24/09/2022 10:11AM		

Test Name	Result	Criticality Factor	Biological Reference Interval	Test Method
Indirect Bilirubin	0.33		0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	6.5 g/dl		6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.04 g/dl		3.5 - 5.2 gm/dl	
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.64		1:1 - 2.5:1	
GLOBULIN, SERUM	2.5			
SGPT	14 IU/L		17 - 63 IU/L	
SGOT	26 IU/L		0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	16 IU/L		7 -50 U/L	
ALKALINE PHOSPHATASE, ALP	93 IU/L		32 -91 IU/L	

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

Processed by :- DEEPTI KUMARI

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

Report Printed On: 24/9/2022 4:45PM

Page 5 of 5