





manipal hospitals





TMT INVESTIGATION REPORT

Patient Name: Mr. DILIP KUMAR JHA

Location

: Ghaziabad

Age/Sex

: 43Year(s)/male

Visit No

: V000000001-GHZB

MRN No

: GHZB-0000177154

Order Date

: 13/8/2022

Ref. Doctor : HCP

Report Date

: 13/8/2022

Protocol Duration of exercise : Bruce

MPHR

: 177BPM

: 5min 01sec

85% of MPHR

: 150BPM

Reason for termination : THR achieved **Blood Pressure (mmHg)**: Baseline BP: 140/90mmHg

% Target HR

Peak HR Achieved : 151BPM : 85%

Peak BP

: 154/94mmHg

METS

: 7.0METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	96	140/90	Nil	No ST changes seen	Nil
STAGE 1	3:00	134	146/90	Nil	No ST changes seen	Nil
STAGE 2	2:01	151	154/94	Nil	No ST changes seen	Nil
RECOVERY	3:04	107	140/90	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.

IMPRESSION:

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

Dr. Bhupendra Singh

Dr. Abhishek Singh

Dr. Sudhanshu Mishra

MD, DM (CARDIOLOGY), FACC MD, DNB (CARDIOLOGY), MNAMS MD

Sr. Consultant Cardiology

Sr.Consultant Cardiology

Cardiology Registrar

Page 1 of 2

Manipal Hospital, Ghaziabad

NH - 24, Hapur Road, Opp. Bahmeta Village, Ghaziabad, Uttar Pradesh - 201 002

P: 0120-616 5666

Manipal Health Enterprises Private Limited

CIN: U85110KA2003PTC033055

Regd. Off. The Annexe, #98/2, Rustom Bagh, Off. HAL Airport Road, Bengaluru - 560 017



Name	DILIP KUMAR JHA	Age	42y 7m 13d	Gender	MALE
MRN	GHZB-0000177154	Visit No	V000000001-GHZB		•
Lab No	G000325795	Collected On	13/08/2022 11:19AM	Received On	13/08/2022 11:21AM
Referred By	Deepak Verma	Reported On	13/08/2022 12:18PM		

Test Name

Result

Criticality

Biological Factor Reference Interval

Test Method

GLUCOSE, FASTING (F) (Serum Fasting)

107 mg/dl

70 - 110 mg/dl

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

Registration No. 42422

Processed by :- DEEPTI KUMARI

DR CHARU AGARWAL CONSULTANT PATHOLOGIST Pathologist

Report Printed On: 13/8/2022

11:39PM

Page 1 of 1



LIFE'S ON

LABORATORY REPORT

Name	DILIP KUMAR JHA	Age	42y 7m 13d	Gender	MALE
MRN	GHZB-0000177154	Visit No	V0000000001-GHZB		
Lab No	G000325812	Collected On	13/08/2022 12:48PM	Received On	13/08/2022 12:48PM
Referred By	Deepak Verma	Reported On	13/08/2022 2:56PM		

Criticality

Biological

Test Name

Result

Factor

Reference Interval

URINE EXAMINATION, ROUTINE (Urine)

PHYSICAL EXAMINATION

PALE YELLOW Colour

CLEAR Appearance 5.0 рН

1.015 Specific gravity

CHEMICAL EXAMINATION

Nil Glucose Absent Protein **Absent** Ketone bodies **Absent**

Urobilinogen

MICROSCOPIC EXAMINATION 1-2 /HPF Leukocytes

NIL Erythrocytes NIL **Epithelial Cells** NIL Casts NIL Crystals NIL

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

Processed by :- SHAHRUKH KHAN

Others

DR ALKA DIXIT VATS CONSULANT PATHOLOGIST **PATHOLOGIST**

Report Printed On: 13/8/2022 11:39PM

Page 1 of 1



Name	DILIP KUMAR JHA	Age	42y 7m 13d	Gender	MALE
MRN	GHZB-0000177154	Visit No	V0000000001-GHZB		٠
	G000325796	Collected On	13/08/2022 11:20AM	Received On	13/08/2022 11:21AM
The second of th	Deepak Verma	Reported On	13/08/2022 5:35PM		

Criticality

Biological

Test Name

Result

Factor

Reference Interval

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

BLOOD GROUPING

" O "

RH TYPING

POSITIVE

ESR (WESTERGREN), AUTOMATED ERYTHROCYTE

22 mm/1st hour .

0 - 15 mm/Hr

SEDIMENTATION RATE

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

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CONSULANT PATHOLOGIST **PATHOLOGIST**

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LIFE'S ON

LABORATORY REPORT

Name	DILIP KUMAR JHA	Age	42y 7m 13d	Gender	MALE
	GHZB-0000177154	Visit No	V0000000001-GHZB		
	G000325796	Collected On	13/08/2022 11:20AM	Received On	13/08/2022 11:21AM
Referred By	Deepak Verma	Reported On	13/08/2022 12:18PM		

Test Name	Result	Criticality Factor	Biological Reference Interval
	14.6 g/dl		12 - 16 gm/ dl
HEMOGLOBIN, HB			33 - 36%
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION, MCHC	33.1 g/dl		
MEAN CORPUSCULAR HAEMOGLOBIN, MCH	30.5 pg		26 -34 pg
MEAN CORPUSCULAR VOLUME, MCV	92.1 fl		77 - 97 fl
PLATELET COUNT	175 x10 ³ cells/ Cumm		150x10^3 - 400x10^3 cells/cumm
RED BLOOD CELLS, RBC COUNT	4.79 million/cu mm		3.8 - 5.3 millions /cumm
RED CELL DISTRIBUTION WIDTH, RDW	16.2 %		11.5 - 14.5 %
LEUCOCYTE COUNT, TOTAL (TLC), AUTOMAT	TED 10.04 x10 ³ cells/ Cumm	T .	4x10^3 - 11x10^3 cells/cumm
HEMATOCRIT (HCT)	44.1 %		34 -45%
BASOPHILS	00 %		0 - 2%
EOSINOPHILS	03 %		2 -7 %
LYMPHOCYTES	30 %		17 - 45 %
MONOCYTES	07 %		4 -13%
NEUTROPHILS	60 %		40 - 80%
	******* END OF REPORT *******		aneul
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CONSULTANT PATHOLOGIST Pathologist

Page 2 of 4

Report Printed On: 13/8/2022



			0		
			42y 7m 13d	Gender	MALE
Name	DILIP KUMAR JHA	Age			•
3	GHZB-0000177154	Visit No	V0000000001-GHZB	a sixed On	13/08/2022 11:21AM
PHAR	GHZB 0000211	Collected On	13/08/2022 11:20AM	Received Of	13/08/2022 11:21AM
Labito	G000325796	Reported On	13/08/2022 12:18PM		
Referred By	Deepak Verma	T.OP -			

	Result ,	Factor	Reference Interval	
Test Name KIDNEY FUNCTION TESTS (Seru			15 - 40 mg/dl	
LIDEA	33.1 mg/dl			
UREA	8 7.11		0.7 - 1.2 mg/dl	
CREATININE, SERUM	1.10 mg/dl			
	6.4 mg/dl		4 - 8.5 mg/dl	
URIC ACID	139.8 mmol/L		136 - 144 mmol/ L	*
SODIUM, SERUM			3.6 - 5.1 mmol/L	
POTASSIUM, SERUM	4.71 mmol/L			16
CHLORIDE, SERUM	105.3 mmol/L		101 - 111 mmol/L	
LIPID PROFILE (Serum)			11-t- 200 ma/dl	
CHOLESTEROL, TOTAL	134 mg/dl		Upto 200 mg/dl	
TRIGLYCERIDES, SERUM	106 mg/dl		Upto 150 mg/dl	
	42 mg/dl		35 - 65 mg/dl	
CHOLESTEROL, HDL, DIRECT			0 -120 mg/dl	
CHOLESTEROL, LDL, DIRECT	71 mg/dl		0 - 35 mg/dl	
Cholesterol, VLDL	21 mg/dl		U - 35 Mg/ ai	
LIVER FUNCTION TESTS (S	erum)		141	·
BILIRUBIN, TOTAL	0.44 mg/dl		0.3 -1.2 mg/dl	
BILIRUBIN, DIRECT	0.09 mg/dl		0 - 0.3 mg/dl	Page 3 of

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LIFE'S ON

LABORATORY REPORT

Name	DILIP KUMAR JHA	Age	42y 7m 13d	Gender	MALE
MRN	GHZB-0000177154	Visit No	V0000000001-GHZB	14	
Lab No	G000325796	Collected On	13/08/2022 11:20AM	Received On	13/08/2022 11:21AM
Referred By	Deepak Verma	Reported On	13/08/2022 12:18PM		

Test Name	Result	Criticality Biological Factor Reference Interval	Test Method
Indirect Bilirubin	0.35	0.1 - 0.3 mg/dl	
TOTAL PROTEIN, SERUM	.7.2 g/dl	6.6 - 8.7 g/dl	
ALBUMIN, SERUM	4.37 g/dl	3.5 - 5.2 gm/dl	
A/G RATIO (ALBUMIN / GLOBULIN RATIO)	1.54	1:1 - 2.5:1	
GLOBULIN, SERUM	2.8		
SGPT	65 IU/L	17 - 63 IU/L	
SGOT	46 IU/L	0 - 40 IU/L	
GGTP, GGT, GAMMA GT, GAMMA GLUTAMYL TRANSPEPTIDASE	77 IU/L	7 -50 U/L	
ALKALINE PHOSPHATASE, ALP	100 IU/L	32 -91 IU/L	
	h. *****	***** END OF REPORT *******	Registration No. 42422
DEEDTI KUMAN	NT.		DR CHARU AGARWAL

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CONSULTANT PATHOLOGIST Pathologist

Page 4 of 4

Report Printed On: 13/8/2022



Name	DILIP KUMAR JHA	Age	42y 7m 13d	Gender	MALE
MRN	GHZB-0000177154	Visit No	V000000001-GHZB		•
Lab No	G000325842	Collected On	13/08/2022 4:42PM	Received On	13/08/2022 4:42PM
Referred By	Deepak Verma	Reported On	13/08/2022 5:40PM		

Test Name

Result

Biological Criticality Factor Reference Interval

Test Method

GLUCOSE, POST PRANDIAL (PP), 2 HOURS (Serum Post Prandial)

138 mg/dl

80 -140 mg/dl

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

DR ALKA DIXIT VATS CONSULANT PATHOLOGIST **PATHOLOGIST**

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Page 1 of 1

Human Care Medical Charitable Trust



Registered Office: Sector-6, Dwarka, New Delhi- 110075

HCMCT

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Name

: MR DILIP KUMAR JHA

Registration No

: RH1476215 RefHosp No. :

ghzb-0000177154

Patient Episode

: R03000041931

Referred By **Receiving Date** : MANIPAL HOSPITALS GHAZIABAD

: 13 Aug 2022 20:49

Age

42 Yr(s) Sex : Male

Lab No

32220804646

Collection Date:

13 Aug 2022 20:41

Reporting Date:

14 Aug 2022 10:31

BIOCHEMISTRY

Test Name

Result

Unit

Biological Ref. Interval

TOTAL PSA, Serum (ECLIA)

0.408

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

Neelan Sugal

Human Care Medical Charitable Trust

H-2019-0640/09/06/2019-08/06/2022 MC/3228/04/09/2019-03/09/2021

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LIFE'S ON

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: 13 Aug 2022 20:49

Age

42 Yr(s) Sex : Male

Lab No

32220804646

Collection Date:

13 Aug 2022 20:41

Reporting Date:

14 Aug 2022 10:31

BIOCHEMISTRY

THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)

T4 - Thyroxine (ECLIA) Thyroid Stimulating Hormone (ECLIA) 1.16 6.96

4.520 #

ng/ml micg/dl

[0.70 - 2.04][4.60-12.00]

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 TSII 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

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Name

: MR DILIP KUMAR JHA

Registration No

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Patient Episode

: R03000041931

Referred By **Receiving Date** : MANIPAL HOSPITALS GHAZIABAD

: 13 Aug 2022 20:49

Age

42 Yr(s) Sex: Male

Lab No

32220804646

Collection Date:

13 Aug 2022 20:41

Reporting Date:

14 Aug 2022 10:31

BIOCHEMISTRY

Glycosylated Hemoglobin

Specimen: EDTA Whole blood

HbAlc (Glycosylated Hemoglobin)

5.5

As per American Diabetes Association (ADA)

[4.0-6.5] HbAlc in %

Non diabetic adults >= 18 years <5.7

Prediabetes (At Risk) 5.7-6.4 Diagnosing Diabetes >= 6.5

Methodology

Turbidimetric inhibition immunoassay (TINIA)

Estimated Average Glucose (eAG)

111

mg/dl

Comments: HbAlc provides an index of average blood glucose levels over the past

8-12 weeks and is a much better indicator of long term glycemic control.

Page 1 of 1

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

Dr. Neelam Singal

CONSULTANT BIOCHEMISTRY

Neelan Lugar

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H-2019-0640/09/06/2019-08/06/2022 MC/3228/04/09/2019-03/09/2021 E-2019-0026/27/07/2019-26/07/2021







Awarded Clean & Green Hospital

N-2019-0113/27/07/2019-26/07/2021 IND18.6278/05/12/2018- 04/12/2019



RADIOLOGY REPORT

Name	DILIP KUMAR JHA	Modality	DX
Patient ID	GHZB-0000177154	Accession No	1127807
Gender/Age	M / 42Y 7M 12D	Scan Date	13-08-2022 11:31:45
Ref. Phys	Dr. Deepak Verma	Report Date	13-08-2022 13:03:40

XR- CHEST PA VIEW

FINDINGS:

LUNGS: Bronchovascular markings appear prominent.

TRACHEA: Normal. CARINA: Normal.

RIGHT AND LEFT MAIN BRONCHI: Normal.

PLEURA: Normal.

HEART: There is mild cardiomegaly. 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

Prominent bronchovascular markings in bilateral lung fields

Mild cardiomegaly

Recommend clinical correlation.

Marie

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



RADIOLOGY REPORT

*		Mo	dality	US
I IVALUE	DILIP KUMAR JHA	Ac	cession	1127806
Patient ID	GHZB-0000177154		an Date	13-08-2022 12:32:29
Conder/Age	M / 42Y 7M 12D	Re	eport Date	13-08-2022 13:20:21
Ref. Phys	Dr. Deepak Verma			

[Minis/

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

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