





### TMT INVESTIGATION REPORT

Patient Name :Deepak GAUTAM

Location

: Ghaziabad

Age/Sex

: 35Year(s)/male

Visit No

: V000000001-GHZB

MRN No

MH011254583

Order Date

: 26/08/2023

Ref. Doctor : HCP

Report Date

: 26/08/2023

Protocol

: Bruce

**MPHR** 

: 185BPM

**Duration of exercise** 

: 6min 03sec

85% of MPHR

: 157BPM

Reason for termination

: THR achieved

Peak HR Achieved : 163BPM % Target HR

: 88%

**Blood Pressure (mmHg)**: Baseline BP: 130/90mmHg

Peak BP : 146/90mmHg **METS** 

: 7.0METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	77	130/90	Nil	No ST changes seen	Nil
STAGE 1	3:00	139	140/90	Nil	No ST changes seen	Nil
STAGE 2	3:00	162	146/90	Nil	No ST changes seen	Nil -
STAGE 3	0:03	163	146/90	Nil	No ST changes seen	Nil
RECOVERY	2:05	98	134/90	Nil	No ST changes seen	Nil

### COMMENTS:

- No ST changes in base line ECG.
- No ST changes during test and 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

Dr. Abhishek Singh

Dr. Sudhanshu Mishra

MD, DM (CARDIOLOGY), FACC

MD, DNB (CARDIOLOGY), MNAMS MD

Sr. Consultant Cardiology

Sr. Consultant Cardiology

Cardiology Registrar

Manipal Hospital, Ghaziabad

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

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Manipal Health Enterprises Private Limited

CIN: U85110KA2003PTC033055

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LIFE'S ON

LABORATORY REPORT Name

Registration No

MH011254583

Lab No

202308004245

Patient Episode

H18000000916

Collection Date:

26 Aug 2023 12:12

Referred By

HEALTH CHECK MGD

Reporting Date:

28 Aug 2023 09:05

**Receiving Date** 

26 Aug 2023 12:12

**CLINICAL PATHOLOGY** 

ROUTINE URINE ANALYSIS (Semi Automated) Specimen-Urine

MACROSCOPIC DESCRIPTION

Colour

PALE YELLOW

Appearance

CLEAR

6.0

(4.6 - 8.0)

Reaction[pH] Specific Gravity

1.005

(1.003-1.035)

(Pale Yellow - Yellow)

CHEMICAL EXAMINATION

rtein/Albumin

Negative

(NEGATIVE)

Grucose

NIL

(NIL)

Ketone Bodies Urobilinogen

Negative

(NEGATIVE)

Normal

(NORMAL)

MICROSCOPIC EXAMINATION (Automated/Manual)

Pus Cells

RBC

1-2 /hpf

0-1/hpf

(0-5/hpf)(0-2/hpf)

Epithelial Cells

NIL

/hpf

CASTS

NIL

Crystals

NIL

Bacteria

NIL

OTHERS

NIL

Page 1 of 1

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

Dr. Charu Agarwal Consultant Pathologist



# RADIOLOGY REPORT

NAME	MR Deepak GAUTAM	STUDY DATE	26/08/2023 12:00PM
AGE / SEX	35 y / M	HOSPITAL NO.	MH011254583
ACCESSION NO.	R6010913	MODALITY	US
REPORTED ON	26/08/2023 12:16PM	REFERRED BY	HEALTH CHECK MGD

### **USG ABDOMEN & PELVIS**

### **FINDINGS**

LIVER: appears enlarged in size (measures 168 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 98 mm), shape and echotexture. Rest normal.

PORTAL VEIN: Appears upper limit of normal in size and measures 12.9 mm.

COMMON BILE DUCT: Appears normal in size and measures 3.7 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 92 x 36 mm.

Left Kidney: measures 90 x 45 mm. It shows a concretion measuring 2.3 mm at mid calyx.

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 23 x 22 x 21 mm with volume 6 cc.

Rest normal.

SEMINAL VESICLES: Normal.

BOWEL: Visualized bowel loops appear normal.

### **IMPRESSION**

- -Hepatomegaly with diffuse grade II fatty infiltration in liver.
- -Left renal concretion.

Marica.

Recommend clinical correlation.

Dr. Monica Shekhawat MBBS, DNB

**CONSULTANT RADIOLOGIST** 

\*\*\*\*\*End Of Report\*\*\*\*\*

**MANIPAL HOSPITALS** 

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

www.manipalhospitals.com



# RADIOLOGY REPORT

NAME	MR Deepak GAUTAM	STUDY DATE	26/08/2023 12:00PM
AGE / SEX	35 y / M	HOSPITAL NO.	MH011254583
ACCESSION NO.	R6010913	MODALITY	US
REPORTED ON	26/08/2023 12:16PM	REFERRED BY	HEALTH CHECK MGD

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Marica.

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Dr. Monica Shekhawat MBBS, DNB

**CONSULTANT RADIOLOGIST** 

\*\*\*\*\*End Of Report\*\*\*\*

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

www.manipalhospitals.com

# Human Care Medigal Charitable Trust

Department Of Laboratory MedicIFE'S ON

# LABORATORY REPORT

Name : MR DEEPAK GAUTAM

Age : 35 Yr(s) Sex :Male

Registration No

: MH011254583

Lab No : 202308004245

**Patient Episode** 

I attent Episode

: H18000000916

Collection Date: 26 Aug 2023 10:29

Referred By

: HEALTH CHECK MGD

**Reporting Date:** 26 Aug 2023 15:18

**Receiving Date** 

26 Aug 2023 12:12

### **HAEMATOLOGY**

COMPLETE BLOOD COUNT (AUTOMATE	D)	SPECIMEN-EDTA Whole	Blood	
RBC COUNT (IMPEDENCE)	5.32	millions/cumm	[4.50-5.50]	
HEMOGLOBIN	15.4	g/dl	[13.0-17.0]	
Method:cyanide free SLS-colori	metry			
HEMATOCRIT (CALCULATED)	46.8	90	[40.0-50.0]	
MCV (DERIVED)	88.0	fL	[83.0-101.0]	
MCH (CALCULATED)	28.9	pg	[25.0-32.0]	
MCHC (CALCULATED)	32.9	g/dl	[31.5-34.5]	
RDW CV% (DERIVED)	14.1	8	[11.6-14.0]	
Platelet count	140	x 103 cells/cumm	[150-410]	
Method: Electrical Impedance				
MPV (DERIVED)				
WBC COUNT (TC) (IMPEDENCE) DIFFERENTIAL COUNT	6.79	$\times$ 10 $^{3}$ cells/cumm	[4.00-10.00]	
(VCS TECHNOLOGY/MICROSCOPY)				
Neutrophils	55.0	%	[40.0-80.0]	
Lymphocytes	33.0	90	[20.0-40.0]	
Monocytes	7.0	ક	[2.0-10.0]	
Eosinophils	5.0	%	[1.0-6.0]	
Basophils	0.0	9	[0.0-2.0]	
2 200				
ESR	3.0	mm/1sthour	]	[0.0-10.0]

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**MANIPAL HOSPITALS** 

NH-24, Hapur Road, Near Landcraft Golflinks, Ghaziabad - 201002 www.manipalhospitals.com Department Of Laboratory Medicine'S ON

# LABORATORY REPORT

Name

MR DEEPAK GAUTAM

Age

35 Yr(s) Sex :Male

Registration No

MH011254583

Lab No

202308004245

Patient Episode

H18000000916

**Collection Date:** 

26 Aug 2023 10:29

Referred By

HEALTH CHECK MGD

Reporting Date:

26 Aug 2023 18:05

Receiving Date

: 26 Aug 2023 12:12

### BIOCHEMISTRY

Glycosylated Hemoglobin

Specimen: EDTA

HbA1c (Glycosylated Hemoglobin)

6.7

[0.0-5.6]

Method: HPLC

As per American Diabetes Association (ADA)

HbAlc in %

Non diabetic adults >= 18years <5.7

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

Estimated Average Glucose (eAG)

146

mg/dl

Comments: HbA1c 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.

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

Dr. Alka Dixit Vats Consultant Pathologist

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MANIPAL HOSPITALS

# al Charitable Trust Human

Department Of Laboratory Medicine'S ON



# LABORATORY REPORT

Registration No

: MH011254583

Lab No 32230810138

Patient Episode

: R03000054005

**Collection Date:** 26 Aug 2023 19:48

Referred By

: MANIPAL HOSPITALS GHAZIABAD

**Receiving Date** 

: 26 Aug 2023 20:07

Reporting Date: 26 Aug 2023 22:54

### **BIOCHEMISTRY**

THYROID PROFILE, Serum

Specimen Type : Serum

T3 - Triiodothyronine (ECLIA)	0.93	ng/ml	[0.80-2.04]
T4 Thyroxine (ECLIA)	8.23	µg/dl	[4.60-10.50]
Thursid Stimulating Hormone (ECLIA)	3.790	uIU/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

P 011 4967 4967 E info@manipalhospitals.com Emergency 011 4040 7070 www.hcmct.in www.manipalhospitals.com/delhi/ Managed by Manipal Hospitals (Dwarka) Private Limited





Name: : MR DEEPAK GAUTALABORATORY REPORT: 35 Yr(s) Sex :Male

Registration No : MH011254583

Lab No : 202308004243

**Patient Episode** 

: H18000000916

**Collection Date:** 26 Aug 2023 10:29

Referred By

: HEALTH CHECK MGD

**Reporting Date:** 26 Aug 2023 15:48

**Receiving Date** 

: 26 Aug 2023 12:12

#### **BIOCHEMISTRY**

TEST	RESU	JLT	UNIT	BIOLOGICAL REFERENCE INTERVAL
Serum LIPID PROFILE				
Serum TOTAL CHOLEST Method:Oxidase,este		195	mg/dl	[<200] Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/	POD)	233	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
HDL- CHOLESTEROL Method : Enzymatic	Immunoimhibition	44.0	mg/dl	[35.0-65.0]
VLDL- CHOLESTEROL ( CHOLESTEROL, LDL, C	Calculated)	<b>47</b> 104.0	mg/dl mg/dl	[0-35] [<120.0] Near/
Above optimal-100-129				Borderline High:130-159 High Risk:160-189
T.Chol/HDL.Chol ra	tio(Calculated)	4.4		<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL F	atio(Calculated)	2.4		<pre>&lt;3 Optimal 3-4 Borderline &gt;6 High Risk</pre>

#### Note:

Reference ranges based on ATP III Classifications.

Lipid profile is a panel of blood tests that serves as initial broad medical screening tool for abnormalities in lipids, the results of this tests can identify certain genetic diseases and determine approximate risks for cardiovascular disease, certain forms of pancreatitis and other diseases

Page 1 of 6



Name: MR DEEPAK GAUTAMABORATORY REPORT: 35 Yr(s) Sex :Male

Registration No : MH011254583 Lab No : 202308

Patient Episode : H18000000916 Collection Date : 26 Aug 2023 10:29

Referred By : HEALTH CHECK MGD Reporting Date : 26 Aug 2023 15:47

**Receiving Date** : 26 Aug 2023 12:12

### **BIOCHEMISTRY**

TEST RESULT UNIT BIOLOGICAL REFERENCE INTERVAL

### KIDNEY PROFILE

Specimen: Serum UREA	12.6	mg/dl	[15.0-40.0]	
Method: GLDH, Kinatic assay BUN, BLOOD UREA NITROGEN	5.9	mg/dl	[8.0-20.0]	
Method: Calculated CREATININE, SERUM	0.93	mg/dl	[0.70-1.20]	
Method: Jaffe rate-IDMS Standardization URIC ACID	4.9	mg/dl	[4.0-8.5]	
Method:uricase PAP				
SODIUM, SERUM	138.00	mmol/L	[136.00-144.00]	
POTASSIUM, SERUM SERUM CHLORIDE	4.61 102.1	mmol/L mmol/L	[3.60-5.10] [101.0-111.0]	
Method: ISE Indirect	- V & * +			
eGFR (calculated)	106.0	ml/min/1.73sq.m	[>60.0]	

Technical Note

eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to1.73 sq.m BSA and is not applicable to individuals below 18 years. eGFR tends to be less accurate when Serum Creatinine estimation is indeterminate e.g. patients at extremes of muscle mass, on unusual diets etc. and samples with severe Hemolysis Icterus / Lipemia.

Page 2 of 6



Name	: MR DEEPAK GAUTALABORATO	RY REPORT	35 Yr(s) Sex :Male	
Registration No	: MH011254583	Lab No :	202308004245	
Patient Episode	: H18000000916	<b>Collection Date:</b>	26 Aug 2023 10:29	
Referred By	: HEALTH CHECK MGD	Reporting Date:	26 Aug 2023 15:48	

**Receiving Date** : 26 Aug 2023 12:12

MIC	CHARAN	TECHTINE.
BIO	CHEV	IISTRY

TEST	RESULT	UNIT	BIOLOG	GICAL REFERENCE INTERVAL
LIVER FUNCTION TEST				
BILIRUBIN - TOTAL Method: D P D	0.72	mg	/dl	[0.30-1.20]
BILIRUBIN - DIRECT Method: DPD	0.12	m	ng/dl	[0.00-0.30]
INDIRECT BILIRUBIN(SERUM) Method: Calculation	0.60	m	ng/dl	[0.10-0.90]
TOTAL PROTEINS (SERUM) Method: BIURET	7.30	Ğ	gm/dl	[6.60-8.70]
ALBUMIN (SERUM) Method: BCG	4.62	Č	g/dl	[3.50-5.20]
GLOBULINS (SERUM) Method: Calculation	2.70	Č	gm/dl	[1.80-3.40]
PROTEIN SERUM (A-G) RATIO Method: Calculation	1.72			[1.00-2.50]
AST(SGOT) (SERUM) Method: IFCC W/O P5P	38.00	τ	U/L	[0.00-40.00]
ALT(SGPT) (SERUM) Method: IFCC W/O P5P	81.70	U	<b>/</b> L	[17.00-63.00]
Serum Alkaline Phosphatase Method: AMP BUFFER IFCC)	110.0	I	U/L .	[32.0-91.0]
GGT	64.0		U/L	[7.0-50.0]

Page 3 of 6



Name : MR DEEPAK GAUT ABORATORY REPORT : 35 Yr(s) Sex :Male

Registration No : MH011254583 Lab No : 202308004245

Patient Episode : H18000000916 Collection Date : 26 Aug 2023 10:29

Patient Episode : H18000000916 : Collection Date : 26 Aug 2023 10.29

Reporting Date : 26 Aug 2023 15:48

Referred By : HEALTH CHECK MGD Reporting Date : 26 Aug 2023 15:48

Receiving Date : 26 Aug 2023 12:12

**BIOCHEMISTRY** 

TEST RESULT UNIT BIOLOGICAL REFERENCE INTERVAL

Liver function test aids in diagnosis of various pre hepatic, hepatic and post hepatic causes of dysfunction like hemolytic anemia's, viral and alcoholic hepatitis and cholestasis of obstructive causes.

The test encompasses hepatic excretory, synthetic function and also hepatic parenchymal cell damage. LFT helps in evaluating severity, monitoring therapy and assessing prognosis of liver disease and dysfunction.

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

Dr. Alka Dixit Vats Consultant Pathologist



MR DEEPAK GAUTALABORATORY REPORT Name

: MH011254583 Registration No

**Collection Date:** 26 Aug 2023 10:29 : H18000000916 **Patient Episode** 

Reporting Date: 26 Aug 2023 15:57 : HEALTH CHECK MGD Referred By

**Receiving Date** : 26 Aug 2023 10:29

**BIOCHEMISTRY** 

BIOLOGICAL REFERENCE INTERVAL RESULT UNIT TEST

GLUCOSE-Fasting

Specimen: Plasma

[70.0-110.0] mg/dl 130.0 GLUCOSE, FASTING (F)

Method: Hexokinase

Normally, the glucose concentration in extracellular fluid is closely regulated so that a source of energy is readily available to tissues and so that no glucose is excreted in the urine.

Increased in Diabetes mellitus, Cushing's syndrome (10-15%), chronic pancreatitis (30%). Drugs corticosteroids, phenytoin, estrogen, thiazides

Decreased in Pancreatic islet cell disease with increased insulin, insulinoma, adrenocortica insufficiency, hypopituitarism, diffuse liver disease, malignancy(adrenocortical, stomach, fibro sarcoma), infant of a diabetic mother enzyme deficiency diseases(e.g.galactosemia), Drugs-

insulin, ethanol, propranolol, sulfonylureas, tobutamide, and other oral hypoglycemic agents.

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

Dr. Alka Dixit Vats **Consultant Pathologist** 



: MR DEEPAK GAUT LABORATORY REPORT Name

: MH011254583 Registration No

Patient Episode

**Collection Date:** 

26 Aug 2023 15:16

: H18000000916

Referred By

: HEALTH CHECK MGD

Reporting Date:

26 Aug 2023 16:19

**Receiving Date** 

: 26 Aug 2023 15:16

**BIOCHEMISTRY** 

TEST

RESULT

UNIT

BIOLOGICAL REFERENCE INTERVAL

PLASMA GLUCOSE

Specimen: Plasma

GLUCOSE, POST PRANDIAL (PP), 2 HOURS

211.0

mg/dl

[80.0-140.0]

Method: Hexokinase

Note:

Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric emptying, brisk glucose absorption , post exercise

Page 6 of 6

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

Dr. Alka Dixit Vats

**Consultant Pathologist** 



 Name
 : MR DEEPAK GAUTAMBORATORY REPORT
 : 35 Yr(s) Sex : Male

 Registration No
 : MH011254583
 Lab No
 : 202308004245

 Patient Episode
 : H18000000916
 Collection Date : 26 Aug 2023 10:29

 Referred By
 : HEALTH CHECK MGD
 Reporting Date : 28 Aug 2023 10:34

**BLOOD BANK** 

TEST

**Receiving Date** 

RESULT

26 Aug 2023 12:12

UNIT

BIOLOGICAL REFERENCE INTERVAL

Blood Group & Rh Typing (Agglutination by gel/tube technique) Specimen-Blood

Blood Group & Rh typing

B Rh(D) Positive

Technical note:

ABO grouping and Rh typing is done by cell and serum grouping by microplate / gel technique.

Page 1 of 1

-----END OF REPORT--

Dr. Charu Agarwal Consultant Pathologist



## RADIOLOGY REPORT

NAME	MR Deepak GAUTAM	STUDY DATE	26/08/2023 10:43AM
AGE / SEX	35 y / M	HOSPITAL NO.	MH011254583
ACCESSION NO.	R6010912	MODALITY	CR
REPORTED ON	26/08/2023 10:50AM	REFERRED BY	HEALTH CHECK MGD

### **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:

No significant abnormality noted.

Recommend clinical correlation.

Dr. Monica Shekhawat MBBS, DNB

**CONSULTANT RADIOLOGIST** 

Maria.

\*\*\*\*\*End Of Report\*\*\*\*\*

