

35 years Male Caucasian

Vent. rate	86 bpm
PR interval	134 ms
QRS duration	74 ms
QT/QTc	340/406 ms
P-R-T axes	38 47 51

Technician:
Test ind:

Normal sinus rhythm
Normal ECG

Referred by:

Unconfirmed





TMT INVESTIGATION REPORT

Patient Name : Mr Gaurav MATHUR	Location : Ghaziabad
Age/Sex : 35Year(s)/male	Visit No : V0000000001-GHZB
MRN No : MH010839237	Order Date : 11/03/2023
Ref. Doctor : HCP	Report Date : 11/03/2023

Protocol : Bruce	MPHR : 185BPM
Duration of exercise : 4min 09sec	85% of MPHR : 157BPM
Reason for termination : THR achieved	Peak HR Achieved : 162BPM
Blood Pressure (mmHg) : Baseline BP : 130/80mmHg	% Target HR : 87%
Peak BP : 140/80mmHg	METS : 5.9METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	88	130/80	Nil	No ST changes seen	Nil
STAGE 1	3:00	145	140/80	Nil	No ST changes seen	Nil
STAGE 2	1:09	162	140/80	Nil	No ST changes seen	Nil
RECOVERY	5:32	98	134/80	Nil	No ST changes seen	Nil

COMMENTS:

- No ST changes in base line ECG.
- No ST changes during exercise 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
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Page 1 of 2

Manipal Health Enterprises Private Limited

CIN: U85110KA2003PTC033055

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RADIOLOGY REPORT

Name	Gaurav MATHUR	Modality	US
Patient ID	MH010839237	Accession No	R5270771
Gender / Age	M / 35Y 9M 20D	Scan Date	11-03-2023 14:12:06
Ref. Phys	Dr. HEALTH CHECK MGD	Report Date	11-03-2023 13:32:56

**USG ABDOMEN & PELVIS
FINDINGS**

LIVER: appears normal in size (measures 132 mm) and 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 77 mm), shape and echotexture. Rest normal.
 PORTAL VEIN: Appears normal in size and measures 10.8 mm.
 COMMON BILE DUCT: Appears normal in size and measures 3.9 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 98 x 42 mm.
 Left Kidney: measures 104 x 47 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 42 x 32 x 26 mm with volume 18 cc. Rest normal.
 SEMINAL VESICLES: Normal.
 BOWEL: Visualized bowel loops appear normal.

IMPRESSION

-Diffuse grade I fatty infiltration in liver.

Recommend clinical correlation.



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

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RADIOLOGY REPORT

Name	Gaurav MATHUR	Modality	DX
Patient ID	MH010839237	Accession No	R5270770
Gender/Age	M / 35Y 9M 20D	Scan Date	11-03-2023 11:10:46
Ref. Phys	Dr. HEALTH CHECK MGD	Report Date	11-03-2023 11:53:56

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: Bilateral cervical ribs are seen(L>R).Rest normal.
 VISUALIZED SOFT TISSUES: Normal.
 DIAPHRAGM: Normal.
 VISUALIZED ABDOMEN: Normal.
 VISUALIZED NECK: Normal.

IMPRESSION:

No significant abnormality noted in chest.
Note made of bilateral cervical ribs (L>R).
 Recommend clinical correlation.



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

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Page 1 of 1

MANIPAL HOSPITALS

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

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This report is subject to the terms and conditions mentioned overleaf

LABORATORY REPORT

Name	: MR GAURAV MATHUR	Age	: 35 Yr(s) Sex :Male
Registration No	: MH010839237	Lab No	: 202303000952
Patient Episode	: H18000000323	Collection Date	: 11 Mar 2023 10:56
Referred By	: HEALTH CHECK MGD	Reporting Date	: 11 Mar 2023 12:45
Receiving Date	: 11 Mar 2023 10:56		

HAEMATOLOGY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
COMPLETE BLOOD COUNT (AUTOMATED)		SPECIMEN-EDTA Whole Blood	
RBC COUNT (IMPEDENCE)	4.77	millions/cu mm	[4.50-5.50]
HEMOGLOBIN	13.4	g/dl	[12.0-16.0]
Method:cyanide free SLS-colorimetry			
HEMATOCRIT (CALCULATED)	41.1	%	[40.0-50.0]
MCV (DERIVED)	86.2	fL	[83.0-101.0]
MCH (CALCULATED)	28.1	pg	[27.0-32.0]
MCHC (CALCULATED)	32.6	g/dl	[31.5-34.5]
RDW CV% (DERIVED)	13.8	%	[11.6-14.0]
Platelet count	205	x 10 ³ cells/cumm	[150-400]
MPV (DERIVED)	11.2		
WBC COUNT (TC) (IMPEDENCE)	5.95	x 10 ³ cells/cumm	[4.00-10.00]
DIFFERENTIAL COUNT (VCS TECHNOLOGY/MICROSCOPY)			
Neutrophils	67.0	%	[40.0-80.0]
Lymphocytes	26.0	%	[17.0-45.0]
Monocytes	6.0	%	[2.0-10.0]
Eosinophils	1.0 #	%	[2.0-7.0]
Basophils	0.0	%	[0.0-2.0]
ESR	25.0 #	/1sthour	[0.0-

LABORATORY REPORT

Name	: MR GAURAV MATHUR	Age	: 35 Yr(s) Sex :Male
Registration No	: MH010839237	Lab No	: 202303000952
Patient Episode	: H18000000323	Collection Date	: 11 Mar 2023 10:56
Referred By	: HEALTH CHECK MGD	Reporting Date	: 11 Mar 2023 17:41
Receiving Date	: 11 Mar 2023 10:56		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
Glycosylated Hemoglobin Specimen: EDTA HbA1c (Glycosylated Hemoglobin) Method: HPLC	5.9 #	%	[0.0-5.6]
			As per American Diabetes Association (ADA) HbA1c in % Non diabetic adults >= 18years <5.7 Prediabetes (At Risk) 5.7-6.4 Diagnosing Diabetes >= 6.5
Estimated Average Glucose (eAG)	123	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.

ROUTINE URINE ANALYSIS (Semi Automated) Specimen-Urine

MACROSCOPIC DESCRIPTION

Colour	PALE YELLOW	(Pale Yellow - Yellow)
Appearance	CLEAR	
Reaction[pH]	7.0	(4.6-8.0)
Specific Gravity	1.015	(1.003-1.035)

CHEMICAL EXAMINATION

Protein/Albumin	+	(NEGATIVE)
Glucose	NIL	(NIL)
Ketone Bodies	Negative	(NEGATIVE)
Urobilinogen	Normal	(NORMAL)

LABORATORY REPORT

Name	: MR GAURAV MATHUR	Age	: 35 Yr(s) Sex :Male
Registration No	: MH010839237	Lab No	: 202303000952
Patient Episode	: H18000000323	Collection Date	: 11 Mar 2023 13:17
Referred By	: HEALTH CHECK MGD	Reporting Date	: 11 Mar 2023 17:23
Receiving Date	: 11 Mar 2023 13:17		

CLINICAL PATHOLOGY

MICROSCOPIC EXAMINATION (Automated/Manual)

Pus Cells	1-2 /hpf	(0-5/hpf)
RBC	0-1/hpf	(0-2/hpf)
Epithelial Cells	nil /hpf	
CASTS	nil	
Crystals	nil	
OTHERS	nil	

Serum LIPID PROFILE

Serum TOTAL CHOLESTEROL	155	mg/dl	[<200] Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/POD)	65	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
HDL- CHOLESTEROL	38.0	mg/dl	[35.0-65.0]
Method : Enzymatic Immunoimhibition			
VLDL- CHOLESTEROL (Calculated)	13	mg/dl	[0-35]
CHOLESTEROL, LDL, CALCULATED	104.0	mg/dl	[<120.0] Near/ Borderline High:130-159 High Risk:160-189
Above optimal-100-129			
T.Chol/HDL.Chol ratio(Calculated)	4.1		<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio(Calculated)	2.7		<3 Optimal 3-4 Borderline >6 High Risk

Note:

LABORATORY REPORT

Name	: MR GAURAV MATHUR	Age	: 35 Yr(s) Sex :Male
Registration No	: MH010839237	Lab No	: 202303000952
Patient Episode	: H18000000323	Collection Date	: 11 Mar 2023 10:56
Referred By	: HEALTH CHECK MGD	Reporting Date	: 11 Mar 2023 12:45
Receiving Date	: 11 Mar 2023 10:56		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
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Reference ranges based on ATP III Classifications.

KIDNEY PROFILE

Specimen: Serum

UREA	20.9	mg/dl	[15.0-40.0]
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Method: GLDH, Kinatic assay

BUN, BLOOD UREA NITROGEN	9.8	mg/dl	[8.0-20.0]
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Method: Calculated

CREATININE, SERUM	0.72	mg/dl	[0.70-1.20]
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Method: Jaffe rate-IDMS Standardization

URIC ACID	5.6	mg/dl	[4.0-8.5]
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Method:uricase PAP

SODIUM, SERUM	139.20	mmol/L	[136.00-144.00]
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POTASSIUM, SERUM	4.33	mmol/L	[3.60-5.10]
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SERUM CHLORIDE	104.9	mmol/l	[101.0-111.0]
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Method: ISE Indirect

eGFR (calculated)	120.9	ml/min/1.73sq.m	[>60.0]
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Technical Note

eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to 1.73 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.

LABORATORY REPORT

Name	: MR GAURAV MATHUR	Age	: 35 Yr(s) Sex :Male
Registration No	: MH010839237	Lab No	: 202303000952
Patient Episode	: H18000000323	Collection Date	: 11 Mar 2023 10:56
Referred By	: HEALTH CHECK MGD	Reporting Date	: 11 Mar 2023 12:45
Receiving Date	: 11 Mar 2023 10:56		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
LIVER FUNCTION TEST			
BILIRUBIN - TOTAL Method: D P D	0.52	mg/dl	[0.30-1.20]
BILIRUBIN - DIRECT Method: DPD	0.10	mg/dl	[0.00-0.30]
INDIRECT BILIRUBIN (SERUM) Method: Calculation	0.42 #	mg/dl	[0.10-0.30]
TOTAL PROTEINS (SERUM) Method: BIURET	6.70	gm/dl	[6.60-8.70]
ALBUMIN (SERUM) Method: BCG	3.96	g/dl	[3.50-5.20]
GLOBULINS (SERUM) Method: Calculation	2.70	gm/dl	[1.80-3.40]
PROTEIN SERUM (A-G) RATIO Method: Calculation	1.45		[1.00-2.50]
AST (SGOT) (SERUM) Method: IFCC W/O P5P	24.00	U/L	[0.00-40.00]
ALT (SGPT) (SERUM) Method: IFCC W/O P5P	34.00	U/L	[17.00-63.00]
Serum Alkaline Phosphatase Method: AMP BUFFER IFCC)	70.0	IU/L	[32.0-91.0]
GGT	23.0		[7.0-50.0]

LABORATORY REPORT

Name	: MR GAURAV MATHUR	Age	: 35 Yr(s) Sex :Male
Registration No	: MH010839237	Lab No	: 202303000952
Patient Episode	: H18000000323	Collection Date	: 11 Mar 2023 10:56
Referred By	: HEALTH CHECK MGD	Reporting Date	: 11 Mar 2023 17:18
Receiving Date	: 11 Mar 2023 10:56		

BLOOD BANK

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
Blood Group & Rh Typing (Agglutination by gel/tube technique)			Specimen-Blood
Blood Group & Rh typing	O Rh(D) Positive		

Technical note:

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

Page 6 of 8

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



Dr. Charu Agarwal
Consultant Pathologist

LABORATORY REPORT

Name : MR GAURAV MATHUR Age : 35 Yr(s) Sex : Male
Registration No : MH010839237 Lab No : 202303000953
Patient Episode : H18000000323 Collection Date : 11 Mar 2023 10:55
Referred By : HEALTH CHECK MGD Reporting Date : 11 Mar 2023 17:13
Receiving Date : 11 Mar 2023 10:55

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
GLUCOSE-Fasting Specimen: Plasma GLUCOSE, FASTING (F) Method: Hexokinase	100.0	mg/dl	[70.0-110.0]

Page 7 of 8

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



Dr. Alka Dixit Vats
Consultant Pathologist

LABORATORY REPORT

Name	: MR GAURAV MATHUR	Age	: 35 Yr(s) Sex :Male
Registration No	: MH010839237	Lab No	: 202303000954
Patient Episode	: H18000000323	Collection Date	: 11 Mar 2023 15:56
Referred By	: HEALTH CHECK MGD	Reporting Date	: 11 Mar 2023 17:04
Receiving Date	: 11 Mar 2023 15:56		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
PLASMA GLUCOSE			
Specimen: Plasma			
GLUCOSE, POST PRANDIAL (PP), 2 HOURS	86.0	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

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



Dr. Alka Dixit Vats
 Consultant Pathologist