

40years  
Male

Caucasian

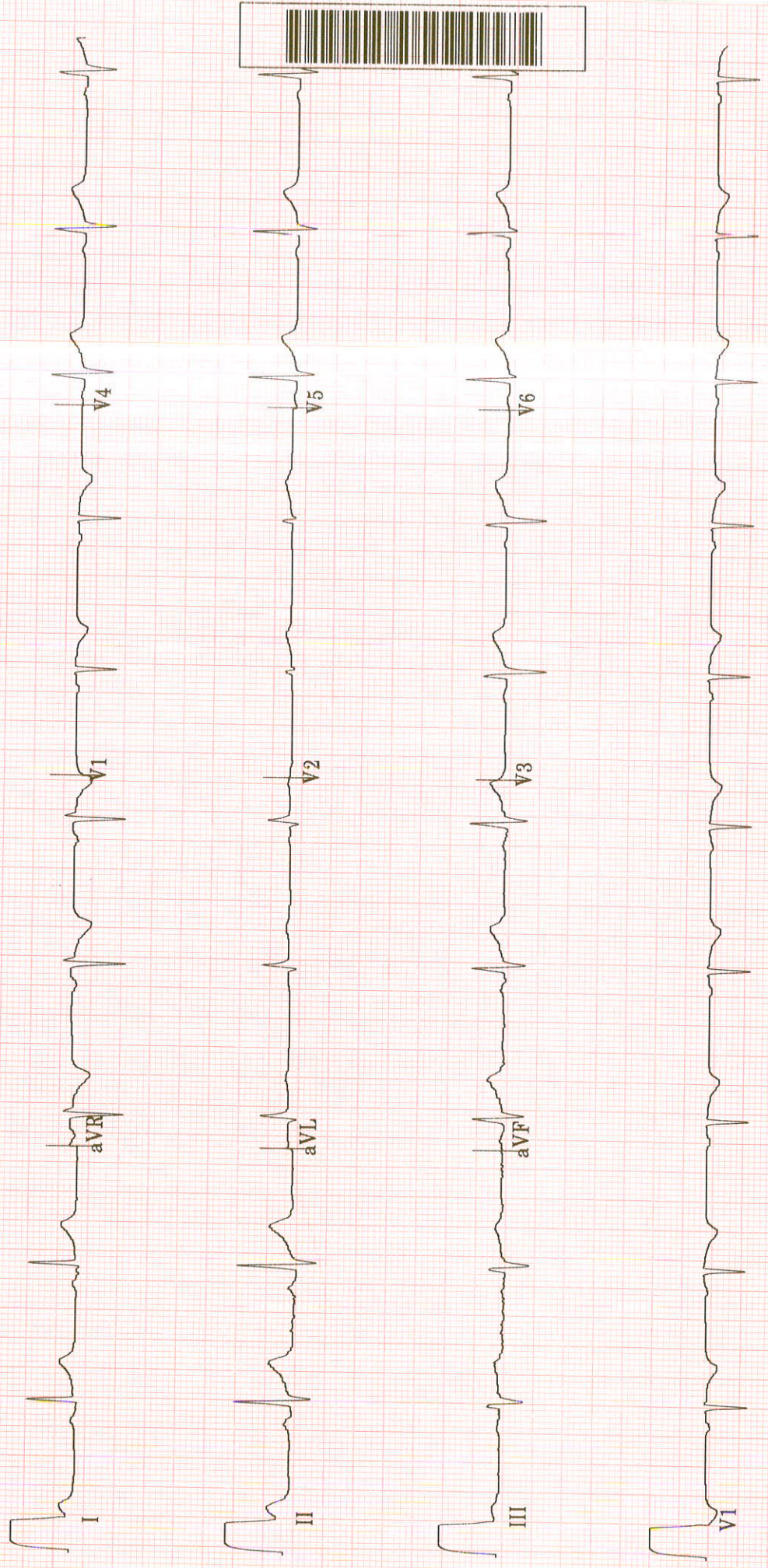
Normal sinus rhythm  
Normal ECG

Vent. rate 60 bpm  
PR interval 170 ms  
QRS duration 76 ms  
QT/QTc 394/394 ms  
P-R-T axes 44 14 48

Technician:  
Test ind:

Referred by:

Unconfirmed





## TMT INVESTIGATION REPORT

Patient Name : Mr. SUMIT KUMAR SIRAS	Location	: Ghaziabad
Age/Sex : 40Year(s)/male	Visit No	: V0000000001-GHZB
MRN No	Order Date	: 24/02/2023
Ref. Doctor : HCP	Report Date	: 24/02/2023

**Protocol** : Bruce **MPHR** : 180BPM  
**Duration of exercise** : 7min 57sec **85% of MPHR** : 153BPM  
**Reason for termination** : THR achieved **Peak HR Achieved** : 155BPM  
**Blood Pressure (mmHg)** : Baseline BP : 112/70mmHg **% Target HR** : 86%  
 Peak BP : 130/74mmHg **METS** : 10.0METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	71	112/70	Nil	No ST changes seen	Nil
STAGE 1	3:00	114	118/70	Nil	No ST changes seen	Nil
STAGE 2	3:00	134	124/70	Nil	No ST changes seen	Nil
STAGE 3	1:57	155	130/74	Nil	No ST changes seen	Nil
RECOVERY	3:02	92	120/70	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.

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Sr. Consultant Cardiology

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## RADIOLOGY REPORT

<b>Name</b>	Sumit kumar SIRAS	<b>Modality</b>	DX
<b>Patient ID</b>	MH010805916	<b>Accession No</b>	R5209663
<b>Gender/Age</b>	M / 40Y 6M 13D	<b>Scan Date</b>	25-02-2023 10:36:54
<b>Ref. Phys</b>	Dr. HEALTH CHECK MGD	<b>Report Date</b>	25-02-2023 10:50:00


### 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, Reg No MCI 11 10887

#### MANIPAL HOSPITALS

NH-24, Hapur Road, Near Landcraft Golf links, Ghaziabad - 201002  
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## LABORATORY REPORT

Name	: MR SUMIT KUMAR SIRAS	Age	: 40 Yr(s) Sex :Male
Registration No	: MH010805916	Lab No	: 202302002767
Patient Episode	: H18000000279	Collection Date	: 25 Feb 2023 12:22
Referred By	: HEALTH CHECK MGD	Reporting Date	: 25 Feb 2023 14:19
Collection Date	: 25 Feb 2023 12:22		

### CLINICAL PATHOLOGY

#### ROUTINE URINE ANALYSIS (Semi Automated) Specimen-Urine

##### MACROSCOPIC DESCRIPTION

Colour	PALE YELLOW	(Pale Yellow - Yellow)
Appearance	CLEAR	
Reaction [pH]	5.0	(4.6-8.0)
Specific Gravity	1.005	(1.003-1.035)

##### CHEMICAL EXAMINATION

Protein/Albumin	Negative	(NEGATIVE)
Glucose	NIL	(NIL)
Bilirubin/Biliverdin	Negative	(NEGATIVE)
Urobilinogen	Normal	(NORMAL)

##### HAEMATOLOGIC EXAMINATION (Automated/Manual)

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

## LABORATORY REPORT

<b>Name</b>	: MR SUMIT KUMAR SIRAS	<b>Age</b>	: 40 Yr(s) Sex :Male
<b>Registration No</b>	: MH010805916	<b>Lab No</b>	: 202302002767
<b>Patient Episode</b>	: H18000000279	<b>Collection Date</b>	: 25 Feb 2023 10:42
<b>Referred By</b>	: HEALTH CHECK MGD	<b>Reporting Date</b>	: 25 Feb 2023 16:27
<b>Receiving Date</b>	: 25 Feb 2023 12:22		

### BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
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#### Glycosylated Hemoglobin

Specimen: EDTA

HbA1c (Glycosylated Hemoglobin)	5.3	%	[0.0-5.6]
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Method: HPLC

As per American Diabetes Association (ADA)

HbA1c in %

Non diabetic adults  $\geq 18$  years  $< 5.7$

Prediabetes (At Risk) 5.7-6.4

Diagnosing Diabetes  $\geq 6.5$

Estimated Average Glucose (eAG)	105	mg/dl
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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.

#### Serum LIPID PROFILE

Serum TOTAL CHOLESTEROL	252 #	mg/dl	[<200]
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Moderate risk:200-239

High risk:>240

TRIGLYCERIDES (GPO/POD)	281 #	mg/dl	[<150]
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Borderline high:151-199

High: 200 - 499

Very high:>500

HDL- CHOLESTEROL	49.0	mg/dl	[35.0-65.0]
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Method : Enzymatic Immunoimhibition

VLDL- CHOLESTEROL (Calculated)	56 #	mg/dl	[0-35]
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CHOLESTEROL, LDL, CALCULATED	147.0 #	mg/dl	[<120.0]
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Near/

Above optimal-100-129

Borderline High:130-159

High Risk:160-189

## LABORATORY REPORT

<b>Name</b>	: MR SUMIT KUMAR SIRAS	<b>Age</b>	: 40 Yr(s) Sex :Male
<b>Registration No</b>	: MH010805916	<b>Lab No</b>	: 202302002767
<b>Patient Episode</b>	: H18000000279	<b>Collection Date</b>	: 25 Feb 2023 10:42
<b>Referred By</b>	: HEALTH CHECK MGD	<b>Reporting Date</b>	: 25 Feb 2023 14:00
<b>Receiving Date</b>	: 25 Feb 2023 12:22		

### BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
T.Chol/HDL.Chol ratio(Calculated)	5.1		<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio(Calculated)	3.0		<3 Optimal 3-4 Borderline >6 High Risk

**Note:**

Reference ranges based on ATP III Classifications.

### URIC ACID PROFILE

Specimen: Serum

UREA	22.6	mg/dl	[15.0-40.0]
<i>Method: GLDH, Kinatic assay</i>			
BUN, BLOOD UREA NITROGEN	10.6	mg/dl	[8.0-20.0]
<i>Method: Calculated</i>			
CREATININE, SERUM	0.78	mg/dl	[0.70-1.20]
<i>Method: Jaffe rate-IDMS Standardization</i>			
URIC ACID	6.4	mg/dl	[4.0-8.5]
<i>Method:uricase PAP</i>			

SODIUM, SERUM	137.3	mmol/L	[136.0-144.0]
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POTASSIUM, SERUM	4.16	mmol/L	[3.60-5.10]
SERUM CHLORIDE	103.9	mmol/l	[101.0-111.0]

*Method: ISE Indirect*

eGFR (calculated)	112.9	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.

## LABORATORY REPORT

<b>Name</b>	: MR SUMIT KUMAR SIRAS	<b>Age</b>	: 40 Yr(s) Sex :Male
<b>Registration No</b>	: MH010805916	<b>Lab No</b>	: 202302002767
<b>Patient Episode</b>	: H18000000279	<b>Collection Date</b>	: 25 Feb 2023 10:42
<b>Referred By</b>	: HEALTH CHECK MGD	<b>Reporting Date</b>	: 25 Feb 2023 14:00
<b>Ref Date</b>	: 25 Feb 2023 12:22		

### BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
<p><i>NOTE: Serum Creatinine estimation is indeterminate e.g. patients at extremes of muscle mass, on unusual diets etc. and samples with severe Hemolysis or Lipemia.</i></p>			
<b>LIVER FUNCTION TEST</b>			
BILIRUBIN - TOTAL <i>Method: D P D</i>	0.54	mg/dl	[0.30-1.20]
BILIRUBIN - DIRECT <i>Method: DPD</i>	0.08	mg/dl	[0.00-0.30]
INDIRECT BILIRUBIN (SERUM) <i>Method: Calculation</i>	0.46 #	mg/dl	[0.10-0.30]
TOTAL PROTEINS (SERUM) <i>Method: BIURET</i>	7.50	gm/dl	[6.60-8.70]
ALBUMIN (SERUM) <i>Method: BCG</i>	4.22	g/dl	[3.50-5.20]
GLOBULINS (SERUM) <i>Method: Calculation</i>	3.30	gm/dl	[1.80-3.40]
PROTEIN SERUM (A-G) RATIO <i>Method: Calculation</i>	1.29		[1.00-2.50]
AST (SGOT) (SERUM) <i>Method: IFCC W/O P5P</i>	27.00	U/L	[0.00-40.00]
ALT (SGPT) (SERUM) <i>Method: IFCC W/O P5P</i>	24.00	U/L	[17.00-63.00]
Serum Alkaline Phosphatase <i>Method: AMP BUFFER IFCC</i>	103.0 #	IU/L	[32.0-91.0]





## LABORATORY REPORT

<b>Name</b>	: MR SUMIT KUMAR SIRAS	<b>Age</b>	: 40 Yr(s) Sex :Male
<b>Registration No</b>	: MH010805916	<b>Lab No</b>	: 202302002768
<b>Patient Episode</b>	: H18000000279	<b>Collection Date</b>	: 25 Feb 2023 10:42
<b>Referred By</b>	: HEALTH CHECK MGD	<b>Reporting Date</b>	: 25 Feb 2023 14:24
	: 25 Feb 2023 10:42		

### BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
GLUCOSE-Fasting Specimen: Plasma GLUCOSE, FASTING (F) Method: Hexokinase	83.0	mg/dl	[70.0-110.0]

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

*Alka*

Dr. Alka Dixit Vats  
Consultant Pathologist

GLUCOSE-Fasting  
Specimen: Plasma