LABORATORY REPORT

Name	:	MRS DIVYA JYOTI	Age	:	32 Yr(s) Sex :Female
Registration No	:	MH010911615	Lab No	:	32230404357
Patient Episode	:	R03000050715	Collection Date :		12 Apr 2023 20:50
Referred By	:	MANIPAL HOSPITALS GHAZIABAD	Reporting Date :		13 Apr 2023 09:52
Receiving Date	:	12 Apr 2023 21:05			

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL

Specimen Type : Serum

THYROID PROFILE, Serum

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
T3 - Triiodothyronine (ECLIA)	1.29	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	8.97	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	3.830	µIU/mL	[0.340-4.250]

```
 1st Trimester:0.6  - 3.4    micIU/mL
 2nd Trimester:0.37 - 3.6    micIU/mL
 3rd Trimester:0.38 - 4.04   micIU/mL
```
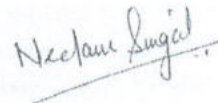
Note : TSH levels are subject to circadian variation, reaching peak levels between
2-4.a.m.and at a minimum between 6-10 pm.Factors such as change of seasons
hormonal fluctuations,Ca or Fe supplements,high fibre diet,stress and illness
affect TSH results.
* References ranges recommended by the American 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

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divya jyoti

32years
Female   Asian

Technician:
Test ind:

ID:

12-Apr-2023   11:00:13   Manipal Hospitals, Ghaziabad

Vent. rate	70 bpm	Normal sinus rhythm
PR interval	128 ms	Rightward axis
QRS duration	72 ms	Borderline ECG
QT/QTc	362/390 ms	
P-R-T axes	74 92 73	

Referred by: hcp

Unconfirmed

I

aVR

V1

V4

II

aVL

V2

V5

III

aVF

V3

V6

V1

20 Hz   25.0 mm/s   10.0 mm/mV   4 by 2.5s + 1 rhythm ld   MAC55 00&0   ≡ 12SL™ 239

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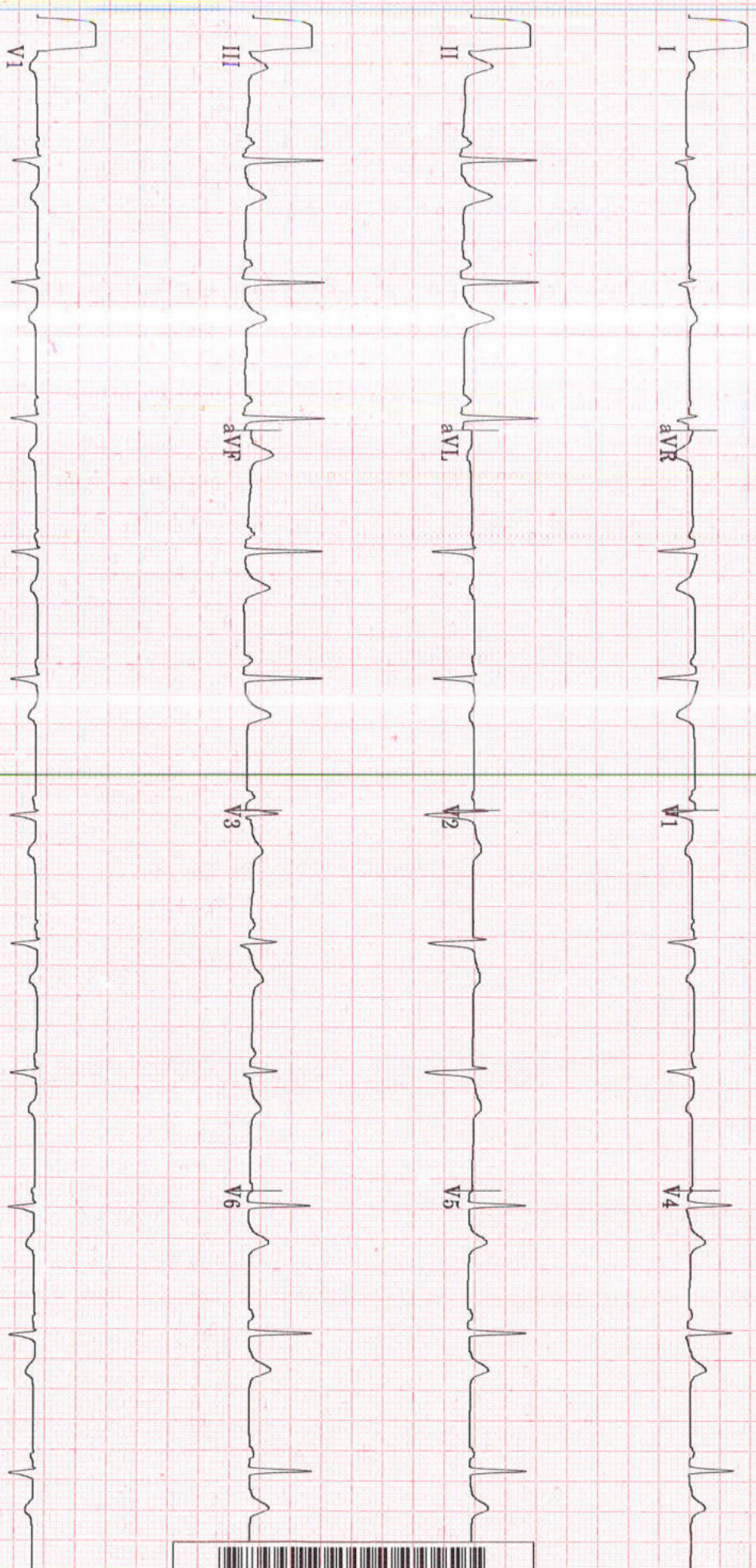
TMT INVESTIGATION REPORT

Patient Name : Ms Divya JYOTI		Location	: Ghaziabad
Age/Sex : 32Year(s)/Female		Visit No	: V0000000001-GHZB
MRN No MH010911615		Order Date	: 12/04/2023
Ref. Doctor : HCP		Report Date	: 12/04/2023

Protocol : Bruce   **MPHR** : 188BPM
Duration of exercise : 7min 00sec   **85% of MPHR** : 159BPM
Reason for termination : THR achieved   **Peak HR Achieved** : 184BPM
Blood Pressure (mmHg) : Baseline BP : 126/72mmHg   **% Target HR** : 97%
Peak BP : 146/72mmHg   **METS** : 8.5METS

STAGE	TIME (min)	H.R (bpm)	BP (mmHg)	SYMPTOMS	ECG CHANGES	ARRHYTHMIA
PRE- EXC.	0:00	99	126/72	Nil	No ST changes seen	Nil
STAGE 1	3:00	147	132/72	Nil	No ST changes seen	Nil
STAGE 2	3:00	172	140/72	Nil	No ST changes seen	Nil
STAGE 3	1:00	184	146/72	Nil	No ST changes seen	Nil
RECOVERY	3:40	124	140/70	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.

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

RADIOLOGY REPORT

Name	Divya JYOTI	Modality	DX
Patient ID	MH010911615	Accession No	R5404770
Gender/Age	F / 32Y 6M 25D	Scan Date	12-04-2023 10:40:43
Ref. Phys	Dr. HEALTH CHECK MGD	Report Date	12-04-2023 12:00:33

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

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LIFE'S ON

LABORATORY REPORT

Name	:	MRS DIVYA JYOTI	**Age**	:	32 Yr(s) Sex :Female
Registration No	:	MH010911615	**Lab No**	:	202304001355
Patient Episode	:	H18000000439	**Collection Date :**		12 Apr 2023 10:32
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		12 Apr 2023 11:54
Receiving Date	:	12 Apr 2023 10:32			

HAEMATOLOGY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
COMPLETE BLOOD COUNT (AUTOMATED)		SPECIMEN-EDTA Whole Blood	
RBC COUNT (IMPEDENCE)	4.35	millions/cu mm	[3.80-4.80]
HEMOGLOBIN	**11.8 #**	**g/dl**	[12.0-16.0]
Method:cyanide free SLS-colorimetry			
HEMATOCRIT (CALCULATED)	37.0	%	[36.0-46.0]
MCV (DERIVED)	85.1	fL	[83.0-101.0]
MCH (CALCULATED)	27.1	pg	[27.0-32.0]
MCHC(CALCULATED)	31.9	g/dl	[31.5-34.5]
RDW CV% (DERIVED)	13.9	%	[11.6-14.0]
Platelet count	212	x 10³ cells/cumm	[150-400]
MPV(DERIVED)	13.2		
WBC COUNT(TC)(IMPEDENCE)	5.78	x 10³ cells/cumm	[4.00-10.00]
DIFFERENTIAL COUNT			
(VCS TECHNOLOGY/MICROSCOPY)			
Neutrophils	60.0	%	[40.0-80.0]
Lymphocytes	34.0	%	[17.0-45.0]
Monocytes	5.0	%	[2.0-10.0]
Eosinophils	**1.0 #**	%	[2.0-7.0]
Basophils	0.0	%	[0.0-2.0]
ESR	**22.0 #**	/1sthour	[0.0-

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LIFE'S ON ▪

LABORATORY REPORT

Name	:	MRS DIVYA JYOTI	**Age**	:	32 Yr(s) Sex :Female
Registration No	:	MH010911615	**Lab No**	:	202304001355
Patient Episode	:	H18000000439	**Collection Date :**		12 Apr 2023 10:32
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		12 Apr 2023 17:07
Receiving Date	:	12 Apr 2023 10:32			

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
Glycosylated Hemoglobin			
Specimen: EDTA			
HbA1c (Glycosylated Hemoglobin)	5.8 #	%	[0.0-5.6]
Method: HPLC			

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)	120	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	**SLIGHTLY TURBID**	
Reaction[pH]	5.0	(4.6-8.0)
Specific Gravity	1.025	(1.003-1.035)

CHEMICAL EXAMINATION

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

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LABORATORY REPORT

Name	:	MRS DIVYA JYOTI	**Age**	:	32 Yr(s) Sex :Female
Registration No	:	MH010911615	**Lab No**	:	202304001355
Patient Episode	:	H18000000439	**Collection Date :**		12 Apr 2023 13:06
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		12 Apr 2023 17:18
Receiving Date	:	12 Apr 2023 13:06			

CLINICAL PATHOLOGY

MICROSCOPIC EXAMINATION(Automated/Manual)

Pus Cells	6-8 /hpf	(0-5/hpf)
RBC	NIL	(0-2/hpf)
Epithelial Cells	2-4 /hpf	
CASTS	NIL	
Crystals	NIL	
OTHERS	NIL	

Serum LIPID PROFILE

Serum TOTAL CHOLESTEROL	185	mg/dl	[<200]
			Moderate risk:200-239
			High risk:>240
TRIGLYCERIDES (GPO/POD)	82	mg/dl	[<150]
			Borderline high:151-199
			High: 200 - 499
			Very high:>500
HDL- CHOLESTEROL	51.0	mg/dl	[35.0-65.0]
Method : Enzymatic Immunoimhibition			
VLDL- CHOLESTEROL (Calculated)	16	mg/dl	[0-35]
CHOLESTEROL, LDL, CALCULATED	118.0	mg/dl	[<120.0]
			Near/

Above optimal-100-129

		Borderline High:130-159
		High Risk:160-189
T.Chol/HDL.Chol ratio(Calculated)	3.6	<4.0 Optimal
		4.0-5.0 Borderline
		>6 High Risk
LDL.CHOL/HDL.CHOL Ratio(Calculated)	2.3	<3 Optimal
		3-4 Borderline
		>6 High Risk

Note:

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Name	:	MRS DIVYA JYOTI	**Age** :	32 Yr(s) Sex :Female
Registration No	:	MH010911615	**Lab No** :	202304001355
Patient Episode	:	H18000000439	**Collection Date** :	12 Apr 2023 10:32
Referred By	:	HEALTH CHECK MGD	**Reporting Date** :	12 Apr 2023 11:53
Receiving Date	:	12 Apr 2023 10:32		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL

Reference ranges based on ATP III Classifications.

KIDNEY PROFILE

Specimen: Serum

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
UREA	25.7	mg/dl	[15.0-40.0]
Method: GLDH, Kinatic assay			
BUN, BLOOD UREA NITROGEN	12.0	mg/dl	[8.0-20.0]
Method: Calculated			
CREATININE, SERUM	0.62 #	mg/dl	[0.70-1.20]
Method: Jaffe rate-IDMS Standardization			
URIC ACID	5.0	mg/dl	[4.0-8.5]
Method:uricase PAP			
SODIUM, SERUM	137.80	mmol/L	[136.00-144.00]
POTASSIUM, SERUM	4.69	mmol/L	[3.60-5.10]
SERUM CHLORIDE	106.6	mmol/l	[101.0-111.0]
Method: ISE Indirect			
eGFR (calculated)	119.7	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.

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LABORATORY REPORT

Name	:	MRS DIVYA JYOTI	**Age**	:	32 Yr(s) Sex :Female
Registration No	:	MH010911615	**Lab No**	:	202304001355
Patient Episode	:	H18000000439	**Collection Date** :		12 Apr 2023 10:32
Referred By	:	HEALTH CHECK MGD	**Reporting Date** :		12 Apr 2023 11:53
Receiving Date	:	12 Apr 2023 10:32			

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
LIVER FUNCTION TEST			
BILIRUBIN - TOTAL Method: D P D	0.60	mg/dl	[0.30-1.20]
BILIRUBIN - DIRECT Method: DPD	0.11	mg/dl	[0.00-0.30]
INDIRECT BILIRUBIN(SERUM) Method: Calculation	0.49	mg/dl	[0.10-0.90]
TOTAL PROTEINS(SERUM) Method: BIURET	7.60	gm/dl	[6.60-8.70]
ALBUMIN (SERUM) Method: BCG	4.43	g/dl	[3.50-5.20]
GLOBULINS (SERUM) Method: Calculation	3.20	gm/dl	[1.80-3.40]
PROTEIN SERUM (A-G) RATIO Method: Calculation	1.40		[1.00-2.50]
AST(SGOT) (SERUM) Method: IFCC W/O P5P	26.00	U/L	[0.00-40.00]
ALT(SGPT) (SERUM) Method: IFCC W/O P5P	25.00	U/L	[14.00-54.00]
Serum Alkaline Phosphatase Method: AMP BUFFER IFCC)	56.0	IU/L	[40.0-98.0]
GGT	20.0		[7.0-50.0]

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LABORATORY REPORT

Name	: MRS DIVYA JYOTI	**Age**	:	32 Yr(s) Sex :Female
Registration No	: MH010911615	**Lab No**	:	202304001355
Patient Episode	: H18000000439	**Collection Date**	:	12 Apr 2023 10:32
Referred By	: HEALTH CHECK MGD	**Reporting Date**	:	12 Apr 2023 17:09
Receiving Date	: 12 Apr 2023 10:32			

BLOOD BANK
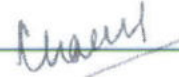
TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL

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.

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

Dr. Charu Agarwal
Consultant Pathologist

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LIFE'S ON

LABORATORY REPORT

Name	:	MRS DIVYA JYOTI	**Age**	: 32 Yr(s) Sex :Female
Registration No	:	MH010911615	**Lab No**	: 202304001356
Patient Episode	:	H18000000439	**Collection Date :**	12 Apr 2023 10:32
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**	12 Apr 2023 11:54
Receiving Date	:	12 Apr 2023 10:32		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
GLUCOSE-Fasting			
Specimen: Plasma			
GLUCOSE, FASTING (F)	87.0	mg/dl	[70.0-110.0]
Method: Hexokinase			

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

Dr. Charu Agarwal
Consultant Pathologist

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LABORATORY REPORT

Name	: MRS DIVYA JYOTI	**Age**	: 32 Yr(s) Sex :Female
Registration No	: MH010911615	**Lab No**	: 202304001357
Patient Episode	: H18000000439	**Collection Date :**	12 Apr 2023 13:52
Referred By	: HEALTH CHECK MGD	**Reporting Date :**	12 Apr 2023 15:01
Receiving Date	: 12 Apr 2023 13:52		

BIOCHEMISTRY
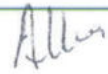
TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
PLASMA GLUCOSE			
Specimen:Plasma			
GLUCOSE, POST PRANDIAL (PP), 2 HOURS	87.0	mg/dl	[80.0-140.0]
Method: Hexokinase			

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

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Dr. Alka Dixit Vats
Consultant Pathologist

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