

RADIOLOGY REPORT

Name	Aradhana NAUTIYAL	Modality	US
Patient ID	MH010712524	Accession No	R5037103
Gender/Age	F / 30Y 7M 20D	Scan Date	14-01-2023 10:59:32
Ref. Phys	Dr. HEALTH CHECK MGD	Report Date	14-01-2023 14:19:29

USG ABDOMEN & PELVIS

FINDINGS

LIVER: Liver is normal in size (measures 136 mm), shape and echotexture. Rest normal.
SPLEEN: Spleen is normal in size (measures 91 mm), shape and echotexture. Rest normal.
PORTAL VEIN: Appears normal in size and measures 9.5 mm.
COMMON BILE DUCT: Appears normal in size and measures 3.3 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 91 x 40 mm.
 Left Kidney: measures 100 x 34 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.
UTERUS: Uterus is anteverted, normal in size (measures 62 x 46 x 29 mm), shape and echotexture.
 Endometrial thickness measures 5 mm. Cervix appears normal.
OVARIES: Both ovaries are normal in size, shape and echotexture. Rest normal.
 Right ovary measures 31 x 20 x 18 mm with volume 5.8 cc.
 Left ovary measures 24 x 22 x 18 mm with volume 4.8 cc.
BOWEL: Visualized bowel loops appear 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

MANIPAL HOSPITALS

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RADIOLOGY REPORT

Name	Aradhana NAUTIYAL	Modality	DX
Patient ID	MH010712524	Accession No	R5037102
Gender/Age	F / 30Y 7M 20D	Scan Date	14-01-2023 10:20:30
Ref. Phys	Dr. HEALTH CHECK MGD	Report Date	14-01-2023 10:37:44

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:

XR- CHEST PA VIEW

No significant abnormality seen.

Please correlate clinically

RADIOLOGY REPORT

Name	Aradhana NAUTIYAL	Modality	DX
Patient ID	MH010712524	Accession No	R5037102
Gender/Age	F / 30Y 7M 20D	Scan Date	14-01-2023 10:20:30
Ref. Phys	Dr. HEALTH CHECK MGD	Report Date	14-01-2023 10:37:44



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

LABORATORY REPORT

Name	: MRS ARADHANA NAUTIYAL	Age	: 30 Yr(s) Sex :Female
Registration No	: MH010712524	Lab No	: 32230105092
Patient Episode	: H1800000144	Collection Date	: 14 Jan 2023 20:30
Referred By	: HEALTH CHECK MGD	Reporting Date	: 14 Jan 2023 21:55
Receiving Date	: 14 Jan 2023 21:04		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
THYROID PROFILE, Serum			
T3 - Triiodothyronine (ECLIA)	0.69 #	ng/ml	[0.70-2.04] ²
T4 - Thyroxine (ECLIA)	5.95	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	1.250	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.

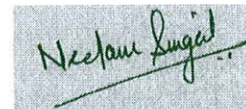
* References ranges recommended by the American Thyroid Association

1) Thyroid. 2011 Oct;21(10):1081-125.PMID .21787128

2) <http://www.thyroid-info.com/articles/tsh-fluctuating.html>

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Dr. Neelam Singal
CONSULTANT BIOCHEMISTRY

LABORATORY REPORT

Name	: MRS ARADHANA NAUTIYAL	Age	: 30 Yr(s) Sex :Female
Registration No	: MH010712524	Lab No	: 202301001458
Patient Episode	: H18000000144	Collection Date	: 14 Jan 2023 09:46
Referred By	: HEALTH CHECK MGD	Reporting Date	: 14 Jan 2023 12:32
Receiving Date	: 14 Jan 2023 09:46		

HAEMATOLOGY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
COMPLETE BLOOD COUNT (AUTOMATED)		SPECIMEN-EDTA Whole Blood	
RBC COUNT (IMPEDENCE)	4.22	millions/cu mm	[3.80-4.80]
HEMOGLOBIN	11.6 #	g/dl	[12.0-15.0]
Method:cyanide free SLS-colorimetry			
HEMATOCRIT (CALCULATED)	36.8	%	[36.0-46.0]
MCV (DERIVED)	87.2	fL	[83.0-101.0]
MCH (CALCULATED)	27.5	pg	[27.0-32.0]
MCHC (CALCULATED)	31.5	g/dl	[31.5-34.5]
RDW CV% (DERIVED)	14.8 #	%	[11.6-14.0]
Platelet count	152	x 10 ³ cells/cumm	[150-400]
MPV (DERIVED)	14.6		
WBC COUNT (TC) (IMPEDENCE)	7.16	x 10 ³ cells/cumm	[4.00-10.00]
DIFFERENTIAL COUNT (VCS TECHNOLOGY/MICROSCOPY)			
Neutrophils	68.0	%	[40.0-80.0]
Lymphocytes	22.0	%	[17.0-45.0]
Monocytes	8.0	%	[2.0-10.0]
Eosinophils	2.0	%	[2.0-7.0]
Basophils	0.0	%	[0.0-2.0]
ESR	75.0 #	/1sthour	[0.0-

LABORATORY REPORT

Name	: MRS ARADHANA NAUTIYAL	Age	: 30 Yr(s) Sex :Female
Registration No	: MH010712524	Lab No	: 202301001458
Patient Episode	: H18000000144	Collection Date	: 14 Jan 2023 09:46
Referred By	: HEALTH CHECK MGD	Reporting Date	: 14 Jan 2023 17:14
Receiving Date	: 14 Jan 2023 09:46		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
Glycosylated Hemoglobin			
Specimen: EDTA			
HbA1c (Glycosylated Hemoglobin)	5.5	%	[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)	111	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 glycemc control.

Serum LIPID PROFILE

Serum TOTAL CHOLESTEROL	148	mg/dl	[<200] Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/POD)	50	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
HDL- CHOLESTEROL	46.0	mg/dl	[35.0-65.0]
Method : Enzymatic Immunoimhibition			
VLDL- CHOLESTEROL (Calculated)	10	mg/dl	[0-35]
CHOLESTEROL, LDL, DIRECT	92.0	mg/dl	[<120.0] Near/ Borderline High:130-159 High Risk:160-189

Above optimal-100-129

LABORATORY REPORT

Name	: MRS ARADHANA NAUTIYAL	Age	: 30 Yr(s) Sex :Female
Registration No	: MH010712524	Lab No	: 202301001458
Patient Episode	: H18000000144	Collection Date	: 14 Jan 2023 09:46
Referred By	: HEALTH CHECK MGD	Reporting Date	: 14 Jan 2023 15:01
Receiving Date	: 14 Jan 2023 09:46		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
T.Chol/HDL.Chol ratio(Calculated)	3.2		<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio(Calculated)	2.0		<3 Optimal 3-4 Borderline >6 High Risk

Note:
Reference ranges based on ATP III Classifications.

KIDNEY PROFILE

Specimen: Serum

UREA	40.1 #	mg/dl	[15.0-40.0]
Method: GLDH, Kinatic assay			
BUN, BLOOD UREA NITROGEN	18.7	mg/dl	[8.0-20.0]
Method: Calculated			
CREATININE, SERUM	0.51 #	mg/dl	[0.70-1.20]
Method: Jaffe rate-IDMS Standardization			
URIC ACID	3.8 #	mg/dl	[4.0-8.5]
Method:uricase PAP			

SODIUM, SERUM	137.8	mmol/L	[136.0-144.0]
POTASSIUM, SERUM	4.06	mmol/L	[3.60-5.10]
SERUM CHLORIDE	107.6	mmol/l	[101.0-111.0]
Method: ISE Indirect			

eGFR (calculated) 129.4 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 to 1.73 sq.m BSA and is not applicable to individuals below 18 years.

LABORATORY REPORT

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Registration No	: MH010712524	Lab No	: 202301001458
Patient Episode	: H18000000144	Collection Date	: 14 Jan 2023 09:46
Referred By	: HEALTH CHECK MGD	Reporting Date	: 14 Jan 2023 15:01
Receiving Date	: 14 Jan 2023 09:46		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
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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.

LIVER FUNCTION TEST

BILIRUBIN - TOTAL Method: D P D	0.67	mg/dl	[0.30-1.20]
BILIRUBIN - DIRECT Method: DPD	0.17	mg/dl	[0.00-0.30]
INDIRECT BILIRUBIN (SERUM) Method: Calculation	0.50 #	mg/dl	[0.10-0.30]
TOTAL PROTEINS (SERUM) Method: BIURET	7.10	gm/dl	[6.60-8.70]
ALBUMIN (SERUM) Method: BCG	4.01	g/dl	[3.50-5.20]
GLOBULINS (SERUM) Method: Calculation	3.10	gm/dl	[1.80-3.40]
PROTEIN SERUM (A-G) RATIO Method: Calculation	1.30		[1.00-2.50]
AST (SGOT) (SERUM) Method: IFCC W/O P5P	20.00	U/L	[0.00-40.00]
ALT (SGPT) (SERUM) Method: IFCC W/O P5P	17.00	U/L	[14.00-54.00]
Serum Alkaline Phosphatase Method: AMP BUFFER IFCC)	92.0	IU/L	[40.0-98.0]

LABORATORY REPORT

Name	: MRS ARADHANA NAUTIYAL	Age	: 30 Yr(s) Sex :Female
Registration No	: MH010712524	Lab No	: 202301001458
Patient Episode	: H18000000144	Collection Date	: 14 Jan 2023 09:46
Referred By	: HEALTH CHECK MGD	Reporting Date	: 14 Jan 2023 15:02
Receiving Date	: 14 Jan 2023 09:46		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
GGT	17.0		[7.0-50.0]

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

Blood Group & Rh typing A 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

LABORATORY REPORT

Name : MRS ARADHANA NAUTIYAL **Age** : 30 Yr(s) Sex :Female
Registration No : MH010712524 **Lab No** : 202301001459
Patient Episode : H18000000144 **Collection Date** : 14 Jan 2023 09:46
Referred By : HEALTH CHECK MGD **Reporting Date** : 14 Jan 2023 12:32
Receiving Date : 14 Jan 2023 09:46

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
GLUCOSE-Fasting Specimen: Plasma GLUCOSE, FASTING (F) Method: Hexokinase	86.0	mg/dl	[70.0-110.0]

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


Dr. Charu Agarwal
Consultant Pathologist

LABORATORY REPORT

Name	: MRS ARADHANA NAUTIYAL	Age	: 30 Yr(s) Sex :Female
Registration No	: MH010712524	Lab No	: 202301001460
Patient Episode	: H18000000144	Collection Date	: 14 Jan 2023 14:20
Referred By	: HEALTH CHECK MGD	Reporting Date	: 14 Jan 2023 15:56
Receiving Date	: 14 Jan 2023 14:20		

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
PLASMA GLUCOSE			
Specimen: Plasma			
GLUCOSE, POST PRANDIAL (PP), 2 HOURS	81.0	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