10806249

34 Years

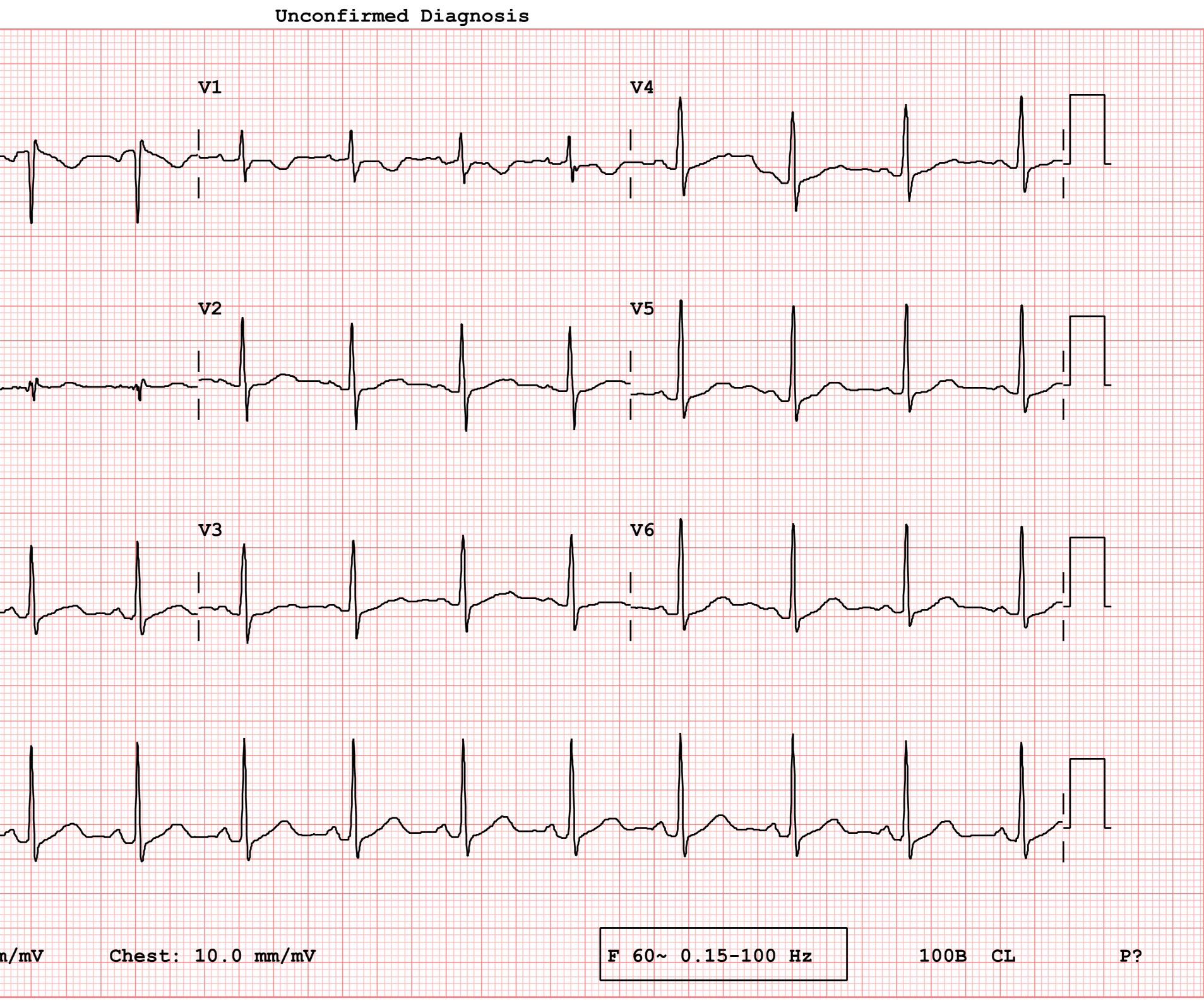
mrs. arpita ghatak

Female

	Rate	94	•	Sin	us	rh	yth	m.	••	• • •	•••	• • •	•••	••	• •	•••	• •	•••	• •	••	•
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.....normal P axis, V-rate 50-99





NAME	Arpita GHATAK	STUDY DATE	25-02-2023 11:46:05
AGE / SEX	034Yrs / F	HOSPITAL NO.	MH010806249
REFERRING DEPT	OPD	MODALITY/Procedure	US /Echo-Cardiogram
		Description	
REPORTED ON	25-02-2023 13:46:49	REFERRED BY	Dr. Health Check MHD

2D ECHOCARDIOGRAPHY REPORT

Findings:

			End diastole	End systole
IVS thickness (cm)			0.9	1.0
Left Ventricular Dimension (cm)			4.0	3.0
Left Ventricular Posterior Wall th	ickness	(cm)	0.9	1.0
Aortic Root Diameter (cm)			2.1	
Left Atrial Dimension (cm)			2.5	
Left Ventricular Ejection Fraction	(%)		60%	
LEFT VENTRICLE	:	Normal in	n size. No RWMA. L	VEF=60%
RIGHT VENTRICLE	:	Normal in	n size. Normal RV fu	inction.
LEFT ATRIUM	:	Normal in	n size	
RIGHT ATRIUM	:	Normal in	n size	
MITRAL VALVE	:	Normal		
AORTIC VALVE		: N	ormal	
TRICUSPID VALVE	:	Normal		
PULMONARY VALVE	:	Normal		
MAIN PULMONARY ARTERY & ITS BRANCHES	:	Appears r	normal.	
INTERATRIAL SEPTUM	:	Intact.		
INTERVENTRICULAR SEPTUM	:	Intact.		

N.B. : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

NAME	Arpita GHATAK	STUDY DATE	25-02-2023 11:46:05
AGE / SEX	034Yrs / F	HOSPITAL NO.	MH010806249
REFERRING DEPT	OPD	MODALITY/Procedure	US /Echo-Cardiogram
		Description	
REPORTED ON	25-02-2023 13:46:49	REFERRED BY	Dr. Health Check MHD

PERICARDIUM

No pericardial effusion or thickening

DOPPLER STUDY

VALVE	Peak Velocity (cm/sec)	Maximum P.G. (mmHg)	Mean P. G. (mmHg)	Regurgitation	Stenosis
MITRAL	E= 108	-	-	Nil	Nil
	A= 71				
AORTIC	129	-	-	Nil	Nil
TRICUSPID	-	Ν	N	Nil	Nil
PULMONARY	109	Ν	N	Nil	Nil

SUMMARY & INTERPRETATION:

o Normal sized RA/RV/LV/LA with no chamber hypertrophy. Normal RV function.

:

O NO MR/AR/TR/PR.

o Normal mitral inflow pattern.

o IVC normal in size, >50% collapse with inspiration, suggestive of normal RA pressure.

o No clot/ no vegetation/ no pericardial effusion.

Please correlate clinically.

DR. SAMANJOY MUKHERJEE MD, DM CONSULTANT CARDIOLOGIST

N.B. : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

o No LV regional wall motion abnormality with LVEF = 60%



Name	: MRS ARPITA GHATAK	Age :	34 Yr(s) Sex :Female
Registration No	: MH010806249	Lab No :	31230201123
Patient Episode	: H03000052438	Collection Date :	25 Feb 2023 11:05
Referred By Receiving Date	: HEALTH CHECK MHD: 25 Feb 2023 12:23	Reporting Date :	25 Feb 2023 16:06

Department of Transfusion Medicine (Blood Bank)

BLOOD GROUPING, RH TYPING & ANTIBODY SCREEN (TYPE & SCREEN) Specimen-Blood

Blood Group & Rh Typing (Agglutinaton by gel/tube technique)

B Rh(D) Positive Blood Group & Rh typing

Antibody Screening (Microtyping in gel cards using reagent red cells) Cell Panel I NEGATIVE Cell Panel II NEGATIVE Cell Panel III NEGATIVE Autocontrol NEGATIVE

Final Antibody Screen Result

Negative

Technical Note:

ABO grouping and Rh typing is done by cell and serum grouping by microplate / gel technique. Antibody screening is done using a 3 cell panel of reagent red cells coated with Rh, Kell, Duffy, Kidd, Lewis, P, MNS, Lutheran and Xg antigens using gel technique.

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Dr Himanshu Lamba



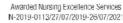






-----END OF REPORT------





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Name	: MRS ARPITA GHATAK		Age	34 Yr(s) Sex :Female		
Registration No	: MH010806249		Lab No	32230209723		
Patient Episode	: H03000052438		Collection Date	: 25 Feb 2023 11:04		
Referred By Receiving Date	: HEALTH CHECK MHD : 25 Feb 2023 11:36		Reporting Date	: 25 Feb 2023 12:55		
	BI	OCHEMISTR	Y			
Glycosylated Hem	noglobin	:	Specimen: EDTA Who	le blood		
HbAlc (Glycosylated Hemoglobin) 5.8			As per American Diabetes Association(ADA) % [4.0-6.5]HbAlc in % Non diabetic adults >= 18years <5.7 Prediabetes (At Risk)5.7-6.4 Diagnosing Diabetes >= 6.5			
Methodology	Turbidimetric inhibit	ion immunoa	assay (TINIA)			
Estimated Avera	age Glucose (eAG)	120	mg/dl			
Comments : HbAlc 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.						
Specimen Type : Serum						
THYROID PROFILE, Serum						
T3 - Triiodothyr T4 - Thyroxine (Thyroid Stimulat	(ECLIA) 6	5.20 5.99 510 #	micg/dl [0.70-2.04] 4.60-12.00] . 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

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Name	: MRS ARPITA GHATAK	Age :	34 Yr(s) Sex :Female
Registration No	: MH010806249	Lab No :	32230209723
Patient Episode	: H03000052438	Collection Date :	25 Feb 2023 11:04
Referred By Receiving Date	: HEALTH CHECK MHD : 25 Feb 2023 11:33	Reporting Date :	25 Feb 2023 12:47

BIOCHEMISTRY

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

Test Name	Result	Unit	Biological Ref. Interval
Lipid Profile (Serum)			
TOTAL CHOLESTEROL (CHOD/POD)	169	mg/dl	[<200]
			Moderate risk:200-239
			High risk:>240
TRIGLYCERIDES (GPO/POD)	196 #	mg/dl	[<150]
			Borderline high:151-199
			High: 200 - 499
			Very high:>500
HDL - CHOLESTEROL (Direct)	55	mg/dl	[30-60]
VLDL - Cholesterol (Calculated)	39	mg/dl	[10-40]
LDL- CHOLESTEROL	75	mg/dl	[<100]
			Near/Above optimal-100-129
			Borderline High:130-159
			High Risk:160-189
T.Chol/HDL.Chol ratio	3.1		<4.0 Optimal
			4.0-5.0 Borderline
			>6 High Risk
LDL.CHOL/HDL.CHOL Ratio	1.4		<3 Optimal
			3-4 Borderline
			>6 High Risk

Note:

Reference ranges based on ATP III Classifications. Recommended to do fasting Lipid Profile after a minimum of 8 hours of overnight fasting.



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Name	MRS ARPITA GHATAK	Age :	34 Yr(s) Sex :Female
Registration No	MH010806249	Lab No :	32230209723
Patient Episode	H03000052438	Collection Date :	25 Feb 2023 11:04
Referred By Receiving Date	HEALTH CHECK MHD 25 Feb 2023 11:33	Reporting Date :	25 Feb 2023 12:36

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
LIVER FUNCTION TEST (Serum)			
BILIRUBIN-TOTAL (mod.J Groff)**	0.61	mg/dl	[0.10-1.20]
BILIRUBIN - DIRECT (mod.J Groff)	0.21 #	mg/dl	[<0.2]
BILIRUBIN - INDIRECT (mod.J Groff)	0.40	mg/dl	[0.20-1.00]
SGOT/ AST (P5P,IFCC)	13.80	IU/L	[5.00-37.00]
SGPT/ ALT (P5P,IFCC)	12.50	IU/L	[10.00-50.00]
ALP (p-NPP, kinetic) *	121 #	IU/L	[37-98]
TOTAL PROTEIN (mod.Biuret)	7.2	g/dl	[6.0-8.2]
SERUM ALBUMIN (BCG-dye)	4.5	g/dl	[3.5-5.0]
SERUM GLOBULIN (Calculated)	2.7	g/dl	[1.8-3.4]
ALB/GLOB (A/G) Ratio	1.67		[1.10-1.80]

Note:

**NEW BORN:Vary according to age (days), body wt & gestation of baby *New born: 4 times the adult value

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Name	: MRS ARPITA GHATAK	Age :	34 Yr(s) Sex :Female
Registration No	: MH010806249	Lab No :	32230209723
Patient Episode	: H03000052438	Collection Date :	25 Feb 2023 11:04
Referred By Receiving Date	: HEALTH CHECK MHD : 25 Feb 2023 11:33	Reporting Date :	25 Feb 2023 12:35

BIOCHEMISTRY

Test Name	Result	Unit E	Biological Ref. Interval
KIDNEY PROFILE (Serum)			
BUN (Urease/GLDH)	9.00	mg/dl	[8.00-23.00]
SERUM CREATININE (mod.Jaffe)	0.60	mg/dl	[0.60-1.40]
SERUM URIC ACID (mod.Uricase)	3.3	mg/dl	[2.6-6.0]
SERUM CALCIUM (NM-BAPTA)	9.6	mg/dl	[8.6-10.0]
SERUM PHOSPHORUS (Molybdate, UV)	3.6	mg/dl	[2.3-4.7]
SERUM SODIUM (ISE)	139.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.99	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE / IMT)	103.7	mmol/l	[95.0-105.0]
eGFR	119.3	ml/min/1.73sc	I.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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Neefam Singe

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY





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

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Name	: MRS ARPITA GHATAK	Age :	34 Yr(s) Sex :Female
Registration No	: MH010806249	Lab No :	32230209724
Patient Episode	: H03000052438	Collection Date :	25 Feb 2023 11:04
Referred By Receiving Date	: HEALTH CHECK MHD : 25 Feb 2023 11:32	Reporting Date :	25 Feb 2023 12:49

BIOCHEMISTRY

Specimen Type : Serum/Plasma					
Plasma GLUCOSE-Fasting (Hexokinase)	85	mg/dl	[70-100]		
				Page6 of	11
END	OF REPORT				
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Dr. Neelam Singal CONSULTANT BIOCHEMISTRY







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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	: MRS ARPITA GHATAK	Age :	34 Yr(s) Sex :Female
Registration No	: MH010806249	Lab No :	33230206007
Patient Episode	: H03000052438	Collection Date :	25 Feb 2023 11:05
Referred By Receiving Date	HEALTH CHECK MHD25 Feb 2023 11:34	Reporting Date :	25 Feb 2023 16:15

HAEMATOLOGY

ERYTHROCYTE SEDIMENTATION RATE (Automated) Specimen-Whole Blood

Е	SR

23.0 # /1sthour [0.0-20.0]

Interpretation :

Erythrocyte sedimentation rate (ESR) is a non-specific phenomena and is clinically useful in the diagnosis and monitoring of disorders associated with an increased production of acute phase reactants (e.g. pyogenic infections, inflammation and malignancies). The ESR is increased in pregnancy from about the 3rd month and returns to normal by the 4th week postpartum.

ESR is influenced by age, sex, menstrual cycle and drugs (eg. corticosteroids, contraceptives).

It is especially low (0 -1mm) in polycythemia, hypofibrinogenemia or congestive cardiac failure and when there are abnormalities of the red cells such as poikilocytosis, spherocytosis or sickle cells.

Test Name	Result	Unit Bio	ological Ref. Interval
COMPLETE BLOOD COUNT (EDTA Blood)			
WBC Count (Flow cytometry)	10040 #	/cu.mm	[4000-10000]
RBC Count (Impedence)	4.70	million/cu.mm	[3.80-4.80]
Haemoglobin (SLS Method)	11.4 #	g/dL	[12.0-15.0]
Haematocrit (PCV)	38.5	00	[36.0-46.0]
(RBC Pulse Height Detector Method)			
MCV (Calculated)	81.9 #	fL	[83.0-101.0]
MCH (Calculated)	24.3 #	pg	[25.0-32.0]
MCHC (Calculated)	29.6 #	g/dL	[31.5-34.5]
Platelet Count (Impedence)	240000	/cu.mm	[150000-410000]
RDW-CV (Calculated)	14.9 #	8	[11.6-14.0]
DIFFERENTIAL COUNT			
Neutrophils (Flowcytometry)	74.7	00	[40.0-80.0]



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Name	: MRS ARPITA GHATAK	Age :	34 Yr(s) Sex :Female
Registration No	: MH010806249	Lab No :	33230206007
Patient Episode	: H03000052438	Collection Date :	25 Feb 2023 11:05
Referred By Receiving Date	: HEALTH CHECK MHD : 25 Feb 2023 11:34	Reporting Date :	25 Feb 2023 16:15

HAEMATOLOGY							
Lymphocytes (Flowcytometry)	17.9 #	8		[20.0-40.0]			
Monocytes (Flowcytometry)	5.6	90		[2.0-10.0]			
Eosinophils (Flowcytometry)	1.6	90		[1.0-6.0]			
Basophils (Flowcytometry)	0.2 #	8		[1.0-2.0]			
IG	0.20	8					
Neutrophil Absolute (Flouroscence	flow cytometry)	7.5 #	/cu mm	[2.0-7.0] x 10 ³			
Lymphocyte Absolute(Flouroscence	flow cytometry)	1.8	/cu mm	[1.0-3.0]x10 ³			
Monocyte Absolute(Flouroscence fl	ow cytometry)	0.6	/cu mm	[0.2-1.2]x10 ³			
Eosinophil Absolute(Flouroscence	flow cytometry)	0.2	/cu mm	[0.0-0.5]x10 ³			
Basophil Absolute(Flouroscence fl	ow cytometry)	0.0	/cu mm	[0.0-0.1]x10 ³			

Complete Blood Count is used to evaluate wide range of health disorders, including anemia, infection, and leukemia. Abnormal increase or decrease in cell counts as revealed may indicate that an underlying medical condition that calls for further evaluation.

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

Dr. Privanka Bhatia CONSULTANT PATHOLOGY





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Name	:	MRS ARPITA GHATAK	Age	:	34 Yr(s) Sex :Female
Registration No	:	MH010806249	Lab No	:	38230201706
Patient Episode	:	H03000052438	Collection Da	te :	25 Feb 2023 11:05
Referred By Receiving Date	:	HEALTH CHECK MHD 25 Feb 2023 11:52	Reporting Da	te :	25 Feb 2023 15:38

CLINICAL PATHOLOGY

Test Name	Result	Biological Ref. Interval
ROUTINE URINE ANALYSIS		
MACROSCOPIC DESCRIPTION		
Colour (Visual)	YELLOW	(Pale Yellow - Yellow)
Appearance (Visual)	CLEAR	
CHEMICAL EXAMINATION		
Reaction[pH]	7.0	(5.0-9.0)
(Reflectancephotometry(Indicator Methe	od))	
Specific Gravity	1.010	(1.003-1.035)
(Reflectancephotometry(Indicator Method	od))	
Bilirubin	Negative	NEGATIVE
Protein/Albumin	Negative	(NEGATIVE-TRACE)
(Reflectance photometry(Indicator Met)	hod)/Manual SSA)	
Glucose	NOT DETECTED	(NEGATIVE)
(Reflectance photometry (GOD-POD/Bene	dict Method))	
Ketone Bodies	NOT DETECTED	(NEGATIVE)
(Reflectance photometry(Legal's Test)	/Manual Rotheras)	
Urobilinogen	NORMAL	(NORMAL)
Reflactance photometry/Diazonium salt	reaction	
Nitrite	NEGATIVE	NEGATIVE
Reflactance photometry/Griess test		
Leukocytes	NIL	NEGATIVE
Reflactance photometry/Action of Ester	rase	
BLOOD	NIL	NEGATIVE
(Reflectance photometry(peroxidase))		
MICROSCOPIC EXAMINATION (Manual) Me	ethod: Light microscopy on	centrifuged urine
WBC/Pus Cells	1-2 /hpf	(4-6)
Red Blood Cells	NIL	(1-2)
Epithelial Cells	2-4 /hpf	(2-4)
Casts	NIL	(NIL)
Crystals	NIL	(NIL)
Bacteria	NIL	
Yeast cells	NIL	

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Name	:	MRS ARPITA GHATAK	Age	:	34 Yr(s) Sex :Female
Registration No	:	MH010806249	Lab No	:	38230201706
Patient Episode	:	H03000052438	Collection Da	te :	25 Feb 2023 11:05
Referred By Receiving Date	: :	HEALTH CHECK MHD 25 Feb 2023 11:52	Reporting Da	te :	25 Feb 2023 15:38

CLINICAL PATHOLOGY

Interpretation:

URINALYSIS-Routine urine analysis assists in screening and diagnosis of various metabolic , urological, kidney and liver disorders

Protein: Elevated proteins can be an early sign of kidney disease. Urinary protein excretion can also be temporarily elevated by strenuous exercise, orthostatic proteinuria, dehydration, urina tract infections and acute illness with fever

Glucose: Uncontrolled diabetes mellitus can lead to presence of glucose in urine.

Other causes include pregnancy, hormonal disturbances, liver disease and certain medications.

Ketones: Uncontrolled diabetes mellitus can lead to presence of ketones in urine.

Ketones can also be seen in starvation, frequent vomiting, pregnancy and strenuous exercise. Blood: Occult blood can occur in urine as intact erythrocytes or haemoglobin, which can occur in various urological, nephrological and bleeding disorders.

Leukocytes: An increase in leukocytes is an indication of inflammation in urinary tract or kidneys Most Common cause is bacterial urinary tract infection.

Nitrite: Many bacteria give positive results when their number is high. Nitrite concentration duri infection increases with length of time the urine specimen is retained in bladder prior to collection.

pH: The kidneys play an important role in maintaining acid base balance of the body. Conditions of the body producing acidosis/alkalosis or ingestion of certain type of food can affect the pH of urine.

Specific gravity: Specific gravity gives an indication of how concentrated the urine is. Increased Specific gravity is seen in conditions like dehydration, glycosuria and proteinuria while decrease Specific gravity is seen in excessive fluid intake, renal failure and diabetes insipidus. Bilirubin: In certain liver diseases such as biliary obstruction or hepatitis,

bilirubin gets excreted in urine.

Urobilinogen: Positive results are seen in liver diseases like hepatitis and cirrhosis and in case of hemolytic anemia.

	END C	F REPORT		
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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	: MRS ARPITA GHATAK	Age :	34 Yr(s) Sex :Female
Registration No	: MH010806249	Lab No :	39230200218
Patient Episode	: H03000052438	Collection Date :	25 Feb 2023 14:47
Referred By Receiving Date	: HEALTH CHECK MHD : 27 Feb 2023 15:32	Reporting Date :	27 Feb 2023 18:03

CYTOPATHOLOGY

CYTOLOGY NUMBER: C-406/23

SPECIMEN TYPE: Conventional pap smear

SMEAR SITE: Ectocervix and Endocervix

CLINICAL HISTORY: P2L2, PS; Cervix healthy

REPORTING SYSTEM: Bethesda System for reporting Cervical Cytology

SPECIMEN ADEQUACY: Adequate

MICROSCOPY: Smears show superficial and intermediate squamous epithelial cells with fair number of polymorphs with admixed candidal buds.

Disclaimer: Gynaecological Cytology is a screening test that aids in the detection of cervical cancer precursors. Both false Positive & Negative results can occur. The test should be used at regular intervals & positive results should be confirmed before definitive therapy.

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NAME	Arpita GHATAK	STUDY DATE	25-02-2023 11:45:20
AGE / SEX	034Yrs / F	HOSPITAL NO.	MH010806249
REFERRING DEPT	OPD	MODALITY/Procedure	CR /Xray chest PA (CXR)
		Description	
REPORTED ON	25-02-2023 14:56:39	REFERRED BY	Dr. Health Check MHD

X-RAY CHEST - PA VIEW

Findings:

Visualized lung fields appear clear.

Both hilar shadows appear normal.

Cardiothoracic ratio is within normal limits.

Both hemidiaphragmatic outlines appear normal.

Both costophrenic angles are clear.

Kindly correlate clinically

Anneh

Dr. Aarushi MD,DNB, DMC/R/03291 Consultant Radiologist

NAME	Arpita GHATAK	STUDY DATE	25-02-2023 11:45:20
AGE / SEX	034Yrs / F	HOSPITAL NO.	MH010806249
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		Description	
REPORTED ON	25-02-2023 14:56:39	REFERRED BY	Dr. Health Check MHD

N.B. : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.