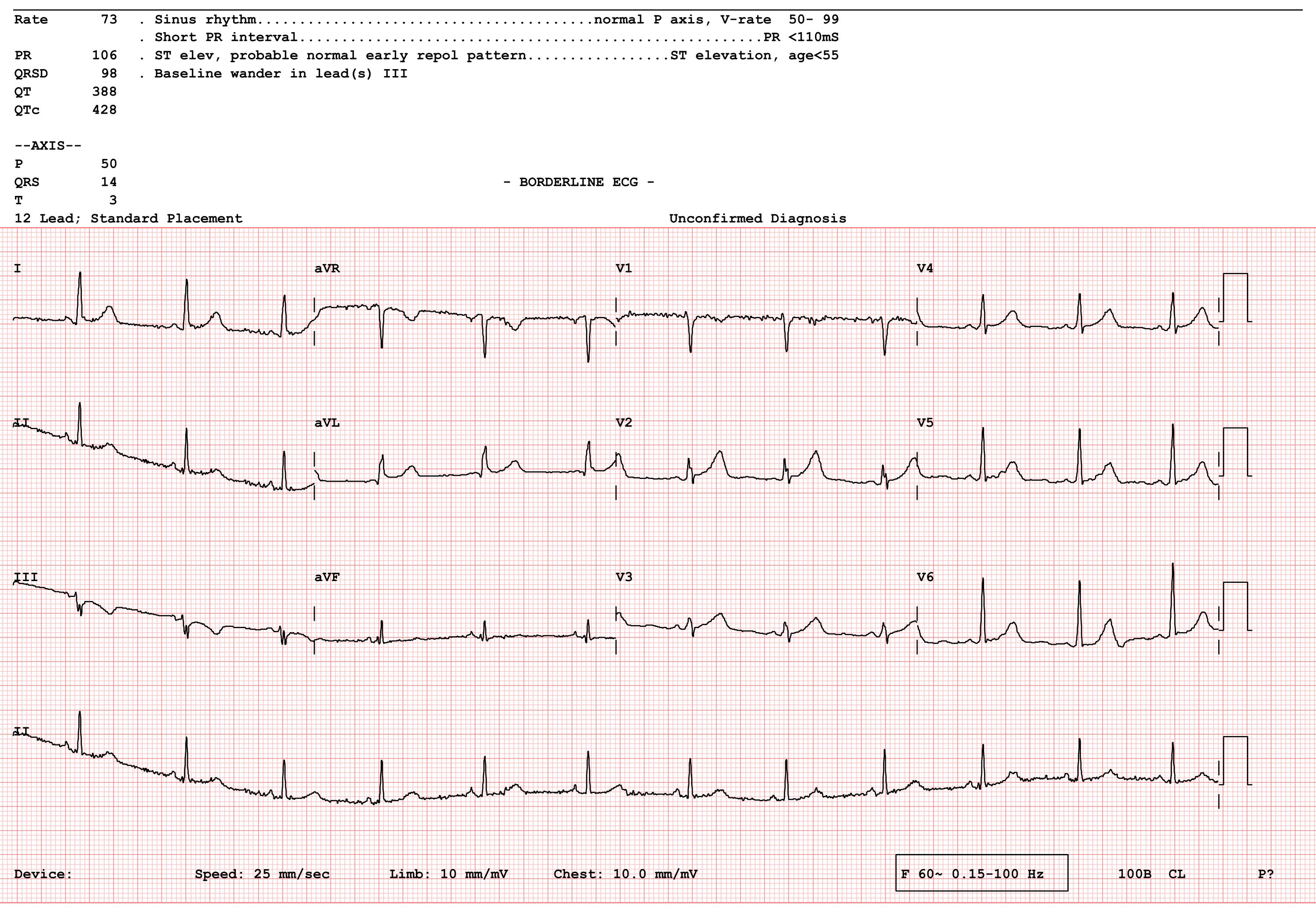
11575101

33 Years

p remitha anand

Female



n	ormal P ax:	is, V-rate	50- 99
		PR	<110mS
tern	ST	elevation,	age<55



Registered Office: Sector-6, Dwarka, New Delhi 110 075

Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	31231201059
Patient Episode	: H03000058847	Collection Date :	22 Dec 2023 10:27
Referred By Receiving Date	: HEALTH CHECK MHD: 22 Dec 2023 11:14	Reporting Date :	22 Dec 2023 13:04

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)

Blood Group & Rh typing O Rh(D) Positive

Antibody Screening (Microtyping in gel cards using reagent red cells)

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

Dr Himanshu Lamba

Registered Office: Sector-6, Dwarka, New Delhi 110 075

Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	32231210546
Patient Episode	: H03000058847	Collection Date :	22 Dec 2023 10:26
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 11:13	Reporting Date :	22 Dec 2023 13:40

BIOCHEMISTRY

		Specimen: EDTA Whole blood
		As per American Diabetes Association(ADA) 2010
HbA1c (Glycosylated Hemoglobin)	5.2	% [4.0-6.5]
		HbAlc in %
		Non diabetic adults : < 5.7 %
		Prediabetes (At Risk) : 5.7 % - 6.4 %
		Diabetic Range : > 6.5 %
Methodology	High-Pe	Performance Liquid Chromatography(HPLC)

Use :

1.Monitoring compliance and long-term blood glucose level control in patients with diabetes. 2.Index of diabetic control (direct relationship between poor control and development of complications).

3. Predicting development and progression of diabetic microvascular complications.

Limitations :

A1C values may be falsely elevated or decreased in those with chronic kidney disease.
 False elevations may be due in part to analytical interference from carbamylated hemoglobin formed in the presence of elevated concentrations of urea, with some assays.
 False decreases in measured A1C may occur with hemodialysis and altered red cell turnover, especially in the setting of erythropoietin treatment

References : Rao.L.V., Michael snyder.L. (2021).Wallach's Interpretation of Diagnostic Tests. 11th Edition. Wolterkluwer. NaderRifai, Andrea Rita Horvath, Carl T.wittwer. (2018) Teitz Text book

of Clinical Chemistry and Molecular Diagnostics.First edition,Elsevier,South Asia.

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

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Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	32231210546
Patient Episode	: H03000058847	Collection Date :	22 Dec 2023 10:26
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 11:29	Reporting Date :	22 Dec 2023 12:25

BIOCHEMISTRY

THYROID PROFILE, Serum Specimen Type : Serum T3 - Triiodothyronine (ECLIA) 1.360 ng/ml [0.800-2.040] T4 - Thyroxine (ECLIA) 8.380 µg/dl [5.500-11.000] Thyroid Stimulating Hormone (ECLIA) 2.530 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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Registered Office: Sector-6, Dwarka, New Delhi 110 075

Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAN	ND	Ag	ge :	33 Yr(s) Sex :Female
Registration No	: MH011575101		La	ib No :	32231210546
Patient Episode	: H03000058847		Co	ollection Date :	22 Dec 2023 10:26
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 11:29		Re	eporting Date :	22 Dec 2023 12:25
		BIOCHEM	ISTRY		
Lipid Profile (Serum)				
TOTAL CHOLESTER	OL (CHOD/POD)	169	mg/dl	-	<200] e risk:200-239 sk:>240
TRIGLYCERIDES (GPO/POD)	129	mg/dl	[Borderline High: 2	<150] high:151-199 00 - 499 igh:>500
HDL - CHOLESTER Methodology: Ho	OL (Direct) mogenous Enzymatic	50	mg/dl	-	30-60]
21	rol (Calculated)	26	mg/dl	[10-40]
T.Chol/HDL.Chol	(CALCULATED)LDL- CH	IOLESTEROL 3.4	93 mg/dl	Near/Above Borderlin High R <4.0 O	0 Borderline
LDL.CHOL/HDL.CH	OL Ratio	1.9		<3 Opt	imal

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

Technical Notes: Lipid profile is a panel of blood tests that serves as initial broad medical screening tool for abnormalities in lipids, the results of these tests can identify certain genetic

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3-4 Borderline >6 High Risk



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Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	32231210546
Patient Episode	: H03000058847	Collection Date :	22 Dec 2023 10:26
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 11:29	Reporting Date :	22 Dec 2023 12:25

BIOCHEMISTRY

diseases and determine approximate risks for cardiovascular disease, certain forms of pancreatitis and other diseases.

Test Name	Result	Unit	Biological Ref. Interval
LIVER FUNCTION TEST (Serum)			
BILIRUBIN-TOTAL (Diazonium Ion)	0.62	mg/dl	[0.10-1.20]
BILIRUBIN - DIRECT (Diazotization)	0.25	mg/dl	[0.00-0.30]
BILIRUBIN - INDIRECT (Calculated)	0.37	mg/dl	[0.20-1.00]
SGOT/ AST (UV without P5P)	95.2 #	U/L	[10.0-35.0]
SGPT/ ALT (UV without P5P)	235.5 #	U/L	[0.0-33.0]
ALP (p-NPP, kinetic) *	135 #	U/L	[37-98]
TOTAL PROTEIN (Biuret)	8.0	g/dl	[6.0-8.2]
SERUM ALBUMIN (BCG-dye)	4.4	g/dl	[3.5-5.2]
SERUM GLOBULIN (Calculated)	3.6 #	g/dl	[1.8-3.4]
ALB/GLOB (A/G) Ratio(Calculated)	1.22		[1.10-1.80]

Technical Notes: Liver function test aids in diagnosis of various pre hepatic, hepatic and post hepatic causes of dysfunction like hemolytic anemia's, viral and alcoholic hepatitis and cholestasis of obstructive causes.

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Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	32231210546
Patient Episode	: H03000058847	Collection Date :	22 Dec 2023 10:26
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 11:29	Reporting Date :	22 Dec 2023 12:25

BIOCHEMISTRY

Test Name	Result	Unit I	Biological Ref. Interval
KIDNEY PROFILE (Serum)			
BUN (Urease/GLDH)	12.00	mg/dl	[6.00-20.00]
SERUM CREATININE (Jaffe's method)	0.66	mg/dl	[0.60-1.40]
SERUM URIC ACID (Uricase)	5.8	mg/dl	[2.6-6.0]
SERUM CALCIUM (NM-BAPTA)	8.88	mg/dl	[8.00-10.50]
SERUM PHOSPHORUS (Molybdate, UV)	3.9	mg/dl	[2.5-4.5]
SERUM SODIUM (ISE)	138.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.46	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE Indirect)	102.7	mmol/L	[95.0-105.0]
eGFR	116.4	ml/min/1.73sc	q.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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Registered Office: Sector-6, Dwarka, New Delhi 110 075

Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	32231210547
Patient Episode	: H03000058847	Collection Date :	22 Dec 2023 14:43
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 14:58	Reporting Date :	22 Dec 2023 15:48

BIOCHEMISTRY

Specimen Type : Plasma PLASMA GLUCOSE - PP Plasma GLUCOSE - PP (Hexokinase) 104 mg/dl [70-140] 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 Specimen Type : Serum/Plasma Plasma GLUCOSE-Fasting (Hexokinase) 99 mg/dl [74-106] Page 5 of 9 -------END OF REPORT------





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Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	33231206621
Patient Episode	: H03000058847	Collection Date	22 Dec 2023 10:27
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 11:38	Reporting Date :	22 Dec 2023 13:13

HAEMATOLOGY

ERYTHROCYTE SEDIMENTATION RATE (Automated) Specimen-Whole Blood

ESR	17.0	mm/1sthour	[0.0-20.0]
LOIT	± / • •	nin/ ibciidui	[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 Bi	ological Ref. Interval
COMPLETE BLOOD COUNT (EDTA Blood)			
WBC Count (Flow cytometry)	6930	/cu.mm	[4000-10000]
RBC Count (Impedence)	4.37	million/cu.mm	[3.80-4.80]
Haemoglobin (SLS Method)	13.4	g/dL	[12.0-15.0]
Haematocrit (PCV)	39.3	010	[36.0-46.0]
(RBC Pulse Height Detector Method)			
MCV (Calculated)	89.9	fL	[83.0-101.0]
MCH (Calculated)	30.7	pg	[25.0-32.0]
MCHC (Calculated)	34.1	g/dL	[31.5-34.5]
Platelet Count (Impedence)	379000	/cu.mm	[150000-410000]
RDW-CV (Calculated)	14.1 #	8	[11.6-14.0]
DIFFERENTIAL COUNT			
Neutrophils (Flowcytometry)	57.9	00	[40.0-80.0]
Lymphocytes (Flowcytometry)	32.3	<u>0</u>	[20.0-40.0]



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Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	33231206621
Patient Episode	: H03000058847	Collection Date :	22 Dec 2023 10:27
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 11:38	Reporting Date :	22 Dec 2023 12:02

HAEMATOLOCV

	HAEMAIOLOU	JI		
Monocytes (Flowcytometry)	6.2		00	[2.0-10.0]
Eosinophils (Flowcytometry)	3.0		00	[1.0-6.0]
Basophils (Flowcytometry)	0.6 #		8	[1.0-2.0]
IG	0.00		90	
Neutrophil Absolute (Flouroscence f	low cytometry)	4.0	/cu mm	[2.0-7.0]x10 ³
Lymphocyte Absolute (Flouroscence f	low cytometry)	2.2	/cu mm	[1.0-3.0]x10 ³
Monocyte Absolute (Flouroscence flo	ow cytometry)	0.4	/cu mm	[0.2-1.2]x10 ³
Eosinophil Absolute (Flouroscence f	low cytometry)	0.2	/cu mm	[0.0-0.5]x10 ³
Basophil Absolute (Flouroscence flo	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.Himansha Pandey



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Registered Office: Sector-6, Dwarka, New Delhi 110 075

Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	38231202017
Patient Episode	: H03000058847	Collection Date :	22 Dec 2023 10:27
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 14:51	Reporting Date :	22 Dec 2023 16:50

CLINICAL PATHOLOGY

Test Name	Result	Biological Ref. Interval
ROUTINE URINE ANALYSIS		
MACROSCOPIC DESCRIPTION		
Colour (Visual)	PALE YELLOW	(Pale Yellow - Yellow)
Appearance (Visual)	CLEAR	
CHEMICAL EXAMINATION		
Reaction[pH]	5.0	(5.0-9.0)
(Reflectancephotometry(Indicator Method	od))	
Specific Gravity	1.020	(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) Mo	ethod: Light microscopy on	centrifuged urine
WBC/Pus Cells	1-2 /hpf	(4-6)
Red Blood Cells	NIL	(1-2)
Epithelial Cells	1-2 /hpf	(2-4)
Casts	NIL	(NIL)
Crystals	NIL	(NIL)
Bacteria	NIL	
Yeast cells	NIL	
Interpretation:		

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Department Of Laboratory Medicine

Name	: MRS P REMITHA ANAND	Age :	:	33 Yr(s) Sex :Female
Registration No	: MH011575101	Lab No :	:	38231202017
Patient Episode	: H03000058847	Collection Date	:	22 Dec 2023 10:27
Referred By Receiving Date	: HEALTH CHECK MHD : 22 Dec 2023 14:51	Reporting Date	:	22 Dec 2023 16:50

CLINICAL PATHOLOGY

 $\tt URINALYSIS-Routine$ 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.

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



Sector-6, Dwarka, New Delhi 110 075

GST: 07AAAAH3917LIZM PAN NO: AAAAH3917L

NAME	MRS P REMITHA ANAND	STUDY DATE	22/12/2023 11:08AM
AGE / SEX	33 y / F	HOSPITAL NO.	MH011575101
ACCESSION NO.	R6597411	MODALITY	US
REPORTED ON	22/12/2023 12:48PM	REFERRED BY	Health Check MHD

USG WHOLE ABDOMEN SCREENING

Liver is normal in size and echopattern. No focal intra-hepatic lesion is detected. Intra-hepatic biliary radicals are not dilated. Portal vein is normal in calibre.

Gall bladder is adequately distended with multiple small (4-5mm sized) mobile calculi in the lumen. The wall is mildly thickened. No pericholecystic fluid is present. Common bile duct measures ~3.5 mm.

Pancreas is normal in size and echopattern.

Spleen is normal in size and echopattern.

Both kidneys are normal in position, size (RK = 103 mm & LK = 99 mm) and outline. Corticomedullary differentiation of both kidneys is maintained. No focal lesion or calculus seen in either kidney. Bilateral pelvicalyceal systems are not dilated.

Urinary bladder is optimally distended with normal wall thickness and clear contents. No significant intra or extraluminal mass is seen.

Uterus is anteverted. It is normal in size and measures ~73 x 29 mm. Myometrial echogenicity appears uniform. Endometrium is central and measures ~3.8 mm.

Both ovaries are normal in size and echopattern.

Right ovary measures ~27 x 18 mm

Left ovary measures ~16 x 15 mm

No significant free fluid is detected.

IMPRESSION: USG findings are suggestive of cholelithiasis.

Kindly correlate clinically.

and

Dr. Simran Singh DNB, FRCR(UK) DMC N0.36404 CONSULTANT RADIOLOGIST

******End Of Report*****











NABH Accredited Hospital H-2019-0640/09/06/2019-08/06/2022

NABL Accredited Hospital MC/3228/04/09/2019-03/09/2021

Awarded Emergency Excellence Services E-2019-0026/27/07/2019-26/07/2021

Awarded Nursing Excellence Services N-2019-0113/27/07/2019-26/07/2021 IND18.6278/05/12/2018- 04/12/2019

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Sector-6, Dwarka, New Delhi 110 075

GST: 07AAAAH3917LIZM PAN NO: AAAAH3917L

NAME	MRS P REMITHA ANAND	STUDY DATE	22/12/2023 10:03AM
AGE / SEX	33 y / F	HOSPITAL NO.	MH011575101
ACCESSION NO.	R6597412	MODALITY	CR
REPORTED ON	22/12/2023 2:50PM	REFERRED BY	Health Check MHD

X-RAY CHEST – PA VIEW

Cardia appears normal.

Lung fields appear normal on both sides.

Both costophrenic angles appear normal.

Both domes of the diaphragm appear normal.

Bony cage appear normal.

IMPRESSION: No significant abnormality noted.

Kindly correlate clinically.

in

Dr. Simran Singh DNB, FRCR(UK) DMC N0.36404 **CONSULTANT RADIOLOGIST**

******End Of Report*****











H-2019-0640/09/06/2019-08/06/2022

NABL Accredited Hospital MC/3228/04/09/2019-03/09/2021

Awarded Emergency Excellence Services E-2019-0026/27/07/2019-26/07/2021

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