Sector-6, Dwarka, New Delhi 110 075



GST: 07AAAAH3917LIZM PAN NO: AAAAH3917L

NAME	MRS POONAM	STUDY DATE	23/09/2023 11:11AM
AGE / SEX	40 y / F	HOSPITAL NO.	MH011329917
ACCESSION NO.	R6146342	MODALITY	CR
REPORTED ON	23/09/2023 11:42AM	REFERRED BY	Health Check MHD

### X-RAY CHEST - PA VIEW

### Results:

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.

Jaruchi

Dr. Aarushi MBBS, MD, DNB DMC N0.03291

**CONSULTANT RADIOLOGIST** 

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











NABL Accredited Hospital H-2019-0640/09/06/2019-08/06/2022 MC/3228/04/09/2019-03/09/2021 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

Awarded Clean & Green Hospital

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

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

**Referred By**: HEALTH CHECK MHD **Reporting Date**: 23 Sep 2023 15:26

**Receiving Date** : 23 Sep 2023 11:26

### **BIOCHEMISTRY**

#### THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)	0.89	ng/ml	[0.80-2.04]
T4 - Thyroxine (ECLIA)	6.37	μg/dl	[5.50-11.00]
Thyroid Stimulating Hormone (ECLIA)	2.710	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

Page 1 of 9

Specimen Type : Serum



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

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

Referred By: HEALTH CHECK MHD Reporting Date: 23 Sep 2023 14:47

**Receiving Date** : 23 Sep 2023 11:26

### **BIOCHEMISTRY**

Lipid	Profile	(Serum)
-------	---------	---------

TOTAL CHOLESTEROL (CH	HOD/POD)	255 #	mg/dl	[<200] Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/PO	(סכ	319 #	mg/dl	[<150] Borderline high: 151-199 High: 200 - 499 Very high:>500
HDL - CHOLESTEROL (DE Methodology: Homogeno	•	62 #	mg/dl	[30-60]
VLDL - Cholesterol (C	-	64 #	mg/dl	[10-40]
(CI	ALCULATED) LDL- CHOLE	ESTEROL 12	9 #mg/dl	[<100] Near/Above optimal-100-129 Borderline High:130-159
T.Chol/HDL.Chol ratio		4.1	9 #mg/dl	Near/Above optimal-100-129

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

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

Referred By: HEALTH CHECK MHD Reporting Date: 23 Sep 2023 14:47

**Receiving Date** : 23 Sep 2023 11:26

#### **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)	0.36	mg/dl	[0.10-1.20]
BILIRUBIN - DIRECT (Diazotization)	0.18	mg/dl	[0.00-0.30]
BILIRUBIN - INDIRECT (Calculated)	0.18 #	mg/dl	[0.20-1.00]
SGOT/ AST (UV without P5P)	16.70	IU/L	[10.00-35.00]
SGPT/ ALT (UV without P5P)	23.40	IU/L	[0.00-33.00]
ALP (p-NPP, kinetic) *	139 #	IU/L	[37-98]
TOTAL PROTEIN (Biuret)	8.2	g/dl	[6.0-8.2]
SERUM ALBUMIN (BCG-dye)	4.6	g/dl	[3.5-5.2]
SERUM GLOBULIN (Calculated)	3.6 #	g/dl	[1.8-3.4]
ALB/GLOB (A/G) Ratio(Calculated)	1.28		[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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Registered Office: Sector-6, Dwarka, New Delhi 110 075

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

Referred By: HEALTH CHECK MHD Reporting Date: 23 Sep 2023 14:46

**Receiving Date** : 23 Sep 2023 11:26

### **BIOCHEMISTRY**

Test Name	Result	Unit B	iological Ref. Interval
KIDNEY PROFILE (Serum)			
BUN (Urease/GLDH)	17.00	mg/dl	[6.00-20.00]
SERUM CREATININE (Jaffe's method)	0.89	mg/dl	[0.60-1.40]
SERUM URIC ACID (Uricase)	6.4 #	mg/dl	[2.6-6.0]
SERUM CALCIUM (NM-BAPTA)	10.1	mg/dl	[8.0-10.5]
SERUM PHOSPHORUS (Molybdate, UV)	4.3	mg/dl	[2.5-4.5]
SERUM SODIUM (ISE)	136.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.61	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE Indirect)	101.0	mmol/L	[95.0-105.0]
eGFR	81.3	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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-----END OF REPORT-----

Dr. Neelam Singal

CONSULTANT BIOCHEMISTRY



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

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

Referred By: HEALTH CHECK MHD Reporting Date: 23 Sep 2023 16:15

**Receiving Date** : 23 Sep 2023 15:22

### **BIOCHEMISTRY**

Specimen Type : Plasma
PLASMA GLUCOSE - PP

Plasma GLUCOSE - PP (Hexokinase) 394 # 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) 222 # mg/dl [74-106]

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

Dr. Neelam Singal

CONSULTANT BIOCHEMISTRY



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

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

Referred By: HEALTH CHECK MHD Reporting Date: 23 Sep 2023 16:39

**Receiving Date** : 23 Sep 2023 11:39

### HAEMATOLOGY

### ERYTHROCYTE SEDIMENTATION RATE (Automated) Specimen-Whole Blood

ESR 87.0 # mm/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)	6310	/cu.mm	[4000-10000]
RBC Count (Impedence)	3.77 #	million/cu.mm	[3.80-4.80]
Haemoglobin (SLS Method)	11.4 #	g/dL	[12.0-15.0]
Haematocrit (PCV)	35.5 #	8	[36.0-46.0]
(RBC Pulse Height Detector Method)			
MCV (Calculated)	94.2	fL	[83.0-101.0]
MCH (Calculated)	30.2	pg	[25.0-32.0]
MCHC (Calculated)	32.1	g/dL	[31.5-34.5]
Platelet Count (Impedence)	173000	/cu.mm	[150000-410000]
RDW-CV (Calculated)	15.0 #	%	[11.6-14.0]
DIFFERENTIAL COUNT			
Neutrophils (Flowcytometry)	49.8	%	[40.0-80.0]
Lymphocytes (Flowcytometry)	42.0 #	%	[20.0-40.0]

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

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

Referred By: HEALTH CHECK MHD Reporting Date: 23 Sep 2023 16:40

**Receiving Date** : 23 Sep 2023 11:39

### HAEMATOLOGY

Monocytes (Flowcytometry)	6.8		용	[2.0-10.0]
Eosinophils (Flowcytometry)	1.1		ଚ	[1.0-6.0]
Basophils (Flowcytometry)	0.3 #		%	[1.0-2.0]
IG	0.20		<b>ે</b>	
Neutrophil Absolute (Flouroscence f	low cytometry)	3.1	/cu mm	$[2.0-7.0] \times 10^{3}$
Lymphocyte Absolute (Flouroscence fi	low cytometry)	2.7	/cu mm	$[1.0-3.0] \times 10^{3}$
Monocyte Absolute (Flouroscence flow	w cytometry)	0.4	/cu mm	$[0.2-1.2] \times 10^{3}$
Eosinophil Absolute (Flouroscence fi	low cytometry)	0.1	/cu mm	$[0.0-0.5] \times 10^{3}$
Basophil Absolute (Flouroscence flow	w cytometry)	0.0	/cu mm	$[0.0-0.1] \times 10^{3}$

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 POONAM Age 40 Yr(s) Sex :Female

Lab No **Registration No** : MH011329917 38230902356

**Patient Episode** : H03000056772 **Collection Date:** 23 Sep 2023 10:53

: HEALTH CHECK MHD Referred By **Reporting Date:** 23 Sep 2023 17:09

**Receiving Date** : 23 Sep 2023 15:10

### **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 Metho	od))	
Specific Gravity	1.020	(1.003-1.035)
(Reflectancephotometry(Indicator Metho	od))	
Bilirubin	Negative	NEGATIVE
Protein/Albumin	PRESENT 1+	(NEGATIVE-TRACE)
(Reflectance photometry(Indicator Meth	nod)/Manual SSA)	
Glucose	DETECTED TRACE	(NEGATIVE)
(Reflectance photometry (GOD-POD/Bened	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	1-2 /hpf	(2-4)
Casts	NIL	(NIL)
Crystals	NIL	(NIL)
Bacteria	NIL	
Yeast cells	NIL	
Interpretation:		

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

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

Referred By: HEALTH CHECK MHD Reporting Date: 23 Sep 2023 17:09

**Receiving Date** : 23 Sep 2023 15:10

### **CLINICAL PATHOLOGY**

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

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,

hilimbin gets oversted in uninc

bilirubin gets excreted in urine.

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

Page 9 of 9

**Dr.Himansha Pandey** 



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

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

Patient Episode: H03000056772Collection Date : 23 Sep 2023 10:53Referred By: HEALTH CHECK MHDReporting Date : 23 Sep 2023 19:44

**Receiving Date** : 23 Sep 2023 12:04

### 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 B 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.

Page 1 of 2

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

Dampa

Dr Himanshu Lamba

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

### Department Of Laboratory Medicine

Name : MRS POONAM Age : 40 Yr(s) Sex :Female

**Referred By**: HEALTH CHECK MHD **Reporting Date**: 23 Sep 2023 13:21

**Receiving Date** : 23 Sep 2023 11:32

#### **BIOCHEMISTRY**

Specimen: EDTA Whole blood

As per American Diabetes Association (ADA) 2010

HbA1c (Glycosylated Hemoglobin) 9.8 # % [4.0-6.5]

HbA1c in %

Non diabetic adults : < 5.6 %

Prediabetes (At Risk ) : 5.7 % - 6.4 %

Diabetic Range : > 6.5 %

Methodology High-Performance Liquid Chromatography (HPLC)

Estimated Average Glucose (eAG) 235 mg/dl

#### Use

- $\hbox{1.Monitoring compliance and long-term blood glucose level control in patients with diabetes.}\\$
- 2. Index of diabetic control (direct relationship between poor control and development of complications).
- 3. Predicting development and progression of diabetic microvascular complications.

#### Limitations :

- 1. AlC values may be falsely elevated or decreased in those with chronic kidney disease.
- 2.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.
- 3. 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.

Page 2 of 2

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

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY

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Managed by Manipal Hospitals (Dwarka) Private Limited

 Name:
 POONAM
 Hospital No:
 MH011329917

 Age:
 40
 Sex:
 F
 Episode No:
 H03000056772

 Doctor:
 Health Check MHD
 Result Date:
 23 Sep 2023 16:03

Order: Tread Mill Test

### **EXERCISE STRESS TEST REPORT (TMT)**

**Findings:** 

Baseline ECG NSR Premedications Nil

Protocol	Bruce	MPHR	180
Duration of exercise	07 Minutes 17 sec	85% OF MPHR	153
Reason for termination	THR achieved	METS	10.10
Peak achieved	155	%of MPHR achieved	86%

Stage	Time	Heart rate (bpm)	BP (mmHg)	ECG(ST/T changes/arrhythmia)	Sympto
Contro	0.00	86	130/80	No ST-T changes	Nil
Stage I	3.00	130	140/80	No ST-T changes	Nil
Stage I	II 3.00	137	140/80	No ST-T changes	Nil
Stage I	III 1.17	155	150/80	No ST-T changes	Nil
Recove	ery 3.00	90	130/80	No ST-T changes	Nil

### Result:

- Normal heart rate and BP response.
- No significant ST-T changes were seen during exercise or recovery period.
- No symptomatic of angina/ chest pain during the test
- No significant arrhythmia during the test

### FINAL IMPRESSION.

- Exercise stress test is **Negative** for reversible myocardial Ischemia.
- Good effort tolerance.

 Name:
 POONAM
 Hospital No:
 MH011329917

 Age:
 40
 Sex:
 F
 Episode No:
 H03000056772

Doctor: Health Check MHD Result Date: 23 Sep 2023 16:03

Order: Tread Mill Test

DR. SAMANJOY MUKHERJEE MD, DM CONSULTANT CARDIOLOGIST

**Dr Samanjoy Mukherjee** CONSULTANT

Sector-6, Dwarka, New Delhi 110 075



GST: 07AAAAH3917LIZM PAN NO: AAAAH3917L

NAME	MRS POONAM	STUDY DATE	23/09/2023 1:02PM
AGE / SEX	40 y / F	HOSPITAL NO.	MH011329917
ACCESSION NO.	R6146341	MODALITY	US
REPORTED ON	23/09/2023 3:27PM	REFERRED BY	Health Check MHD

### **USG WHOLE ABDOMEN**

### Results:

Liver is normal in size (13.2 cm) and shows grade II fatty changes. No focal intra-hepatic lesion is detected. Intra-hepatic biliary radicals are not dilated. Portal vein is normal in calibre.

Gall bladder is not seen (h/o surgery). Common bile duct is normal in calibre.

Pancreas is normal in size and echopattern.

Spleen is normal in size (8.1 cm) and echopattern.

Both kidneys are normal in position, size (RK = 96 x 37 mm and LK = 89 x 49 mm) and outline. Cortico-medullary differentiation of both kidneys is maintained. No focal lesion or calculus seen. Bilateral pelvicalyceal systems are not dilated.

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

Uterus is anteverted. Myometrial echogenicity appears uniform. Endometrium is central (3.6mm).

Both ovaries are normal in size and echopattern.

No significant free fluid is detected.

IMPRESSION: Grade II fatty liver.

Kindly correlate clinically

Dr. Pankaj Saini MD, DHA DMC No.15796

**CONSULTANT RADIOLOGIST** 

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













NABH 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

Awarded Clean & Green Hospital

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