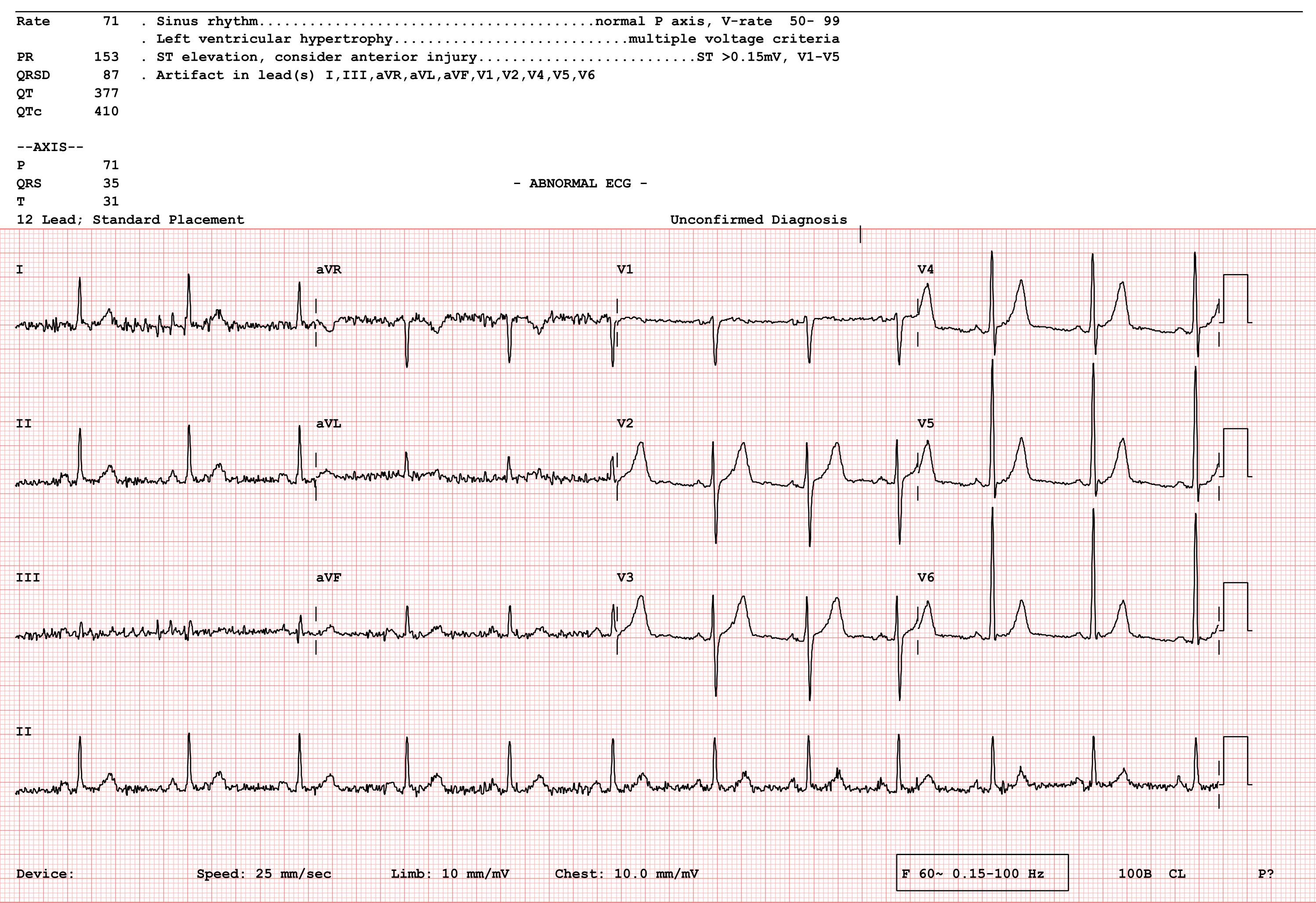
11795224

55 Years

mr laxmi datt

Male





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

Department Of Laboratory Medicine

Name	: MR LAXMI DATT TIWARI	Age :	55 Yr(s) Sex :Male
Registration No	: MH011795224	Lab No :	31240301251
Patient Episode	: H03000061542	Collection Date :	23 Mar 2024 09:00
Referred By Receiving Date	HEALTH CHECK MHD23 Mar 2024 10:56	Reporting Date :	23 Mar 2024 10:59

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.

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

Dr Himanshu Lamba

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Department Of Laboratory Medicine

Name	: MR LAXMI DATT TIWARI	Age :	55 Yr(s) Sex :Male
Registration No	: MH011795224	Lab No :	32240312564
Patient Episode	: H03000061542	Collection Date :	23 Mar 2024 08:59
Referred By Receiving Date	: HEALTH CHECK MHD: 23 Mar 2024 10:00	Reporting Date :	23 Mar 2024 12:47

BIOCHEMISTRY

		Specimen: EDTA Whole blood
HbAlc (Glycosylated Hemoglobin)	5.3	As per American Diabetes Association(ADA) 2010 [4.0-6.5] HbAlc in % Non diabetic adults : < 5.7 % Prediabetes (At Risk) : 5.7 % - 6.4 % Diabetic Range : > 6.5 %
Estimated Average Glucose (eAG)	105	mg/dl

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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Department Of Laboratory Medicine

Name	: MR LAXMI DATT T	IWARI		Ag	ge :	55 Yr(s) Sex :Male
Registration No	: MH011795224			La	ib No :	32240312564
Patient Episode	: H03000061542			Co	ollection Date :	23 Mar 2024 08:59
Referred By Receiving Date	: HEALTH CHECK MI : 23 Mar 2024 10:00	HD		Re	eporting Date :	23 Mar 2024 11:58
		BIOCH	EM	ISTRY		
Lipid Profile ((Serum)					
TOTAL CHOLESTEF	ROL (CHOD/POD)	293	#	mg/dl	Moderat	<200] e risk:200-239 sk:>240
TRIGLYCERIDES ((GPO/POD)	242	#	mg/dl	Borderline High: 2	<150] high:151-199 00 - 499 .igh:>500
HDL - CHOLESTER	· ·	70	#	mg/dl	-	30-60]
	mogenous Enzymatic erol (Calculated)	48	#	mg/dl	[10-40]
	(CALCULATED) LDL- C	HOLESTEROL		175 #mg/dl	Near/Above Borderlin	<100] optimal-100-129 High:130-159 Lisk:160-189
T.Chol/HDL.Chol	ratio	4.2			4.0-5.	ptimal O Borderline h Risk
LDL.CHOL/HDL.CH	HOL Ratio	2.5				imal rderline h Risk

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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Department Of Laboratory Medicine

Name	:	MR LAXMI DATT TIWARI	Age	:	55 Yr(s) Sex :Male
Registration No	:	MH011795224	Lab No	:	32240312564
Patient Episode	:	H03000061542	Collection Dat	te :	23 Mar 2024 08:59
Referred By Receiving Date	: :	HEALTH CHECK MHD 23 Mar 2024 10:00	Reporting Dat	te :	23 Mar 2024 11:58

BIOCHEMISTRY

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

Test Name	Result	Unit	Biological Ref. Interval
TOTAL PSA, Serum (ECLIA)	0.405	ng/mL	[<3.500]

Note : PSA is a glycoprotein that is produced by the prostate gland. Normally, very little PSA is secreted in the blood. Increases in glandular size and tissue damage caused by BPH, prostatitis, or prostate cancer may increase circulating PSA levels.

Caution : Serum markers are not specific for malignancy, and values may vary by method.

Immediate PSA testing following digital rectal examination, ejaculation, prostate massage urethral instrumentation, prostate biopsy may increase PSA levels.

Some patients who have been exposed to animal antigens, may have circulating anti-animal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results.

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

Neefan Sugal

Page 4 of 4

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY

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

Department Of Laboratory Medicine

Name	: MR LAXMI DATT TIWARI	Age	:	55 Yr(s) Sex :Male
Registration No	: MH011795224	Lab No	:	32240312564
Patient Episode	: H03000061542	Collection Date	e:	23 Mar 2024 08:59
Referred By Receiving Date	: HEALTH CHECK MHD : 23 Mar 2024 10:00	Reporting Date	e :	23 Mar 2024 12:00

BIOCHEMISTRY

THYROID PROFILE, Serum	Spe	ecimen Type : Serum	
T3 - Triiodothyronine (ECLIA) T4 - Thyroxine (ECLIA)	1.270 7.700	ng/ml µg/dl	[0.400-1.810] [4.600-10.500]
Thyroid Stimulating Hormone (ECLIA)	1.580	µIU/mL	[0.340-4.250]

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

Test Name	Result	Unit	Biological Ref. Interval
LIVER FUNCTION TEST (Serum)			
BILIRUBIN-TOTAL (Diazonium Ion) BILIRUBIN - DIRECT (Diazotization) BILIRUBIN - INDIRECT (Calculated) SGOT/ AST (UV without P5P) SGPT/ ALT (UV without P5P) ALP (p-NPP,kinetic)* TOTAL PROTEIN (Biuret) SERUM ALBUMIN (BCG-dye)	0.60 0.23 0.37 68.0 # 103.7 # 100 7.6 4.7	mg/dl mg/dl U/L U/L U/L g/dl g/dl	[0.10-1.20] [0.00-0.30] [0.20-1.00] [10.0-50.0] [0.0-41.0] [45-135] [6.0-8.2] [3.5-5.2]
SERUM GLOBULIN (Calculated) ALB/GLOB (A/G) Ratio(Calculated)	2.9 1.62	g/dl	[1.8-3.4] [1.10-1.80]



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Department Of Laboratory Medicine

Name	: MR LAXMI DATT TIWARI	Age	:	55 Yr(s) Sex :Male
Registration No	: MH011795224	Lab No	:	32240312564
Patient Episode	: H03000061542	Collection Date	:	23 Mar 2024 08:59
Referred By Receiving Date	: HEALTH CHECK MHD : 23 Mar 2024 10:00	Reporting Date	:	23 Mar 2024 11:58

BIOCHEMISTRY

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.

Test Name	Result	Unit B	iological Ref. Interval
KIDNEY PROFILE (Serum)			
BUN (Urease/GLDH)	10.00	mg/dl	[6.00-20.00]
SERUM CREATININE (Jaffe's method)	0.69 #	mg/dl	[0.80-1.60]
SERUM URIC ACID (Uricase)	5.6	mg/dl	[3.5-7.2]
SERUM CALCIUM (NM-BAPTA)	9.71	mg/dl	[8.00-10.50]
SERUM PHOSPHORUS (Molybdate, UV)	3.3	mg/dl	[2.5-4.5]
SERUM SODIUM (ISE)	139.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.58	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE Indirect)	102.4	mmol/L	[95.0-105.0]
eGFR	106.9	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.

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

Neefane Suga

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY

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Department Of Laboratory Medicine

Name	: MR LAXMI DATT TIWARI	Age	:	55 Yr(s) Sex :Male
Registration No	: MH011795224	Lab No	:	32240312565
Patient Episode	: H03000061542	Collection Date	:	23 Mar 2024 12:18
Referred By Receiving Date	: HEALTH CHECK MHD : 23 Mar 2024 12:40	Reporting Date	:	23 Mar 2024 13:42

BIOCHEMISTRY

Specimen Type : Plasma PLASMA GLUCOSE - PP

Plasma GLUCOSE - PP (He	lexokinase)	141 #	mg/dl	[70-140]
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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) 116 #	mg/dl	[74-106]
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-----END OF REPORT-----

Neefan Luga

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY



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Department Of Laboratory Medicine

Name	: MR LAXMI DATT TIWARI	Age	:	55 Yr(s) Sex :Male
Registration No	: MH011795224	Lab No	:	33240307867
Patient Episode	: H03000061542	Collection Date	:	23 Mar 2024 09:00
Referred By Receiving Date	: HEALTH CHECK MHD : 23 Mar 2024 09:59	Reporting Date	:	23 Mar 2024 12:02

HAEMATOLOGY

ERYTHROCYTE SEDIMENTATION RATE (Automated) Specimen-Whole Blood

ESR 5.0	mm/1sthour [0.0-12.0]
---------	-----------------------

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)	5320	/cu.mm	[4000-10000]
RBC Count (Impedence)	4.51	million/cu.mm	[4.50-5.50]
Haemoglobin (SLS Method)	15.0	g/dL	[13.0-17.0]
Haematocrit (PCV)	45.1	00	[40.0-50.0]
(RBC Pulse Height Detector Method)			
MCV (Calculated)	100.0	fL	[83.0-101.0]
MCH (Calculated)	33.3 #	pg	[25.0-32.0]
MCHC (Calculated)	33.3	g/dL	[31.5-34.5]
Platelet Count (Impedence)	151000	/cu.mm	[150000-410000]
RDW-CV (Calculated)	12.7	00	[11.6-14.0]
DIFFERENTIAL COUNT			
Neutrophils (Flowcytometry)	64.6	00	[40.0-80.0]
Lymphocytes (Flowcytometry)	28.2	<u>0</u>	[20.0-40.0]



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Department Of Laboratory Medicine

Name	: MR LAXMI DATT TIWARI	Age	:	55 Yr(s) Sex :Male
Registration No	: MH011795224	Lab No	:	33240307867
Patient Episode	: H03000061542	Collection Date	:	23 Mar 2024 09:00
Referred By Receiving Date	: HEALTH CHECK MHD : 23 Mar 2024 09:59	Reporting Date	:	23 Mar 2024 10:54

HAEMATOLOGY

Monocytes (Flowcytometry)	5.5	9	00	[2.0-10.0]
Eosinophils (Flowcytometry)	1.3	5	20	[1.0-6.0]
Basophils (Flowcytometry)	0.4 #	2	20	[1.0-2.0]
IG	0.20	5	20	
Neutrophil Absolute(Flouroscence fl	ow cytometry)	3.4	/cu mm	[2.0-7.0]x10 ³
Lymphocyte Absolute(Flouroscence fl	ow cytometry)	1.5	/cu mm	[1.0-3.0]x10 ³
Monocyte Absolute(Flouroscence flow	cytometry)	0.3	/cu mm	[0.2-1.2]x10 ³
Eosinophil Absolute(Flouroscence fl	ow cytometry)	0.1	/cu mm	[0.0-0.5]x10 ³
Basophil Absolute(Flouroscence flow	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.

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

Dr. Shalakha Agrawal Associate Consultant,M.B.B.S,M.D. Pathology --2020



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

Department Of Laboratory Medicine

Name	: MR LAXMI DATT TIWARI	Age	:	55 Yr(s) Sex :Male
Registration No	: MH011795224	Lab No	:	38240302916
Patient Episode	: H03000061542	Collection Date	:	23 Mar 2024 09:00
Referred By Receiving Date	: HEALTH CHECK MHD : 23 Mar 2024 12:31	Reporting Date	e :	23 Mar 2024 13:23

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]	6.0	(5.0-9.0)
(Reflectancephotometry(Indicator Metho	od))	
Specific Gravity	1.005	(1.003-1.035)
(Reflectancephotometry(Indicator Metho	od))	
Bilirubin	Negative	NEGATIVE
Protein/Albumin	Negative	(NEGATIVE-TRACE)
(Reflectance photometry(Indicator Met)	hod)/Manual SSA)	
Glucose	NOT DETECTED	(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 Este:	rase	
BLOOD	NIL	NEGATIVE
(Reflectance photometry(peroxidase))		
MICROSCOPIC EXAMINATION (Manual) Me	ethod: Light microscopy on	centrifuged urine
WBC/Pus Cells	2-4 /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	
Interpretation:		

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Department Of Laboratory Medicine

Name	: MR LAXMI DATT TIWARI	Age :	55 Yr(s) Sex :Male
Registration No	: MH011795224	Lab No :	38240302916
Patient Episode	: H03000061542	Collection Date :	23 Mar 2024 09:00
Referred By Receiving Date	: HEALTH CHECK MHD : 23 Mar 2024 12:31	Reporting Date :	23 Mar 2024 13:23

CLINICAL PATHOLOGY

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-----

Dr. Shalakha Agrawal Associate Consultant,M.B.B.S,M.D. Pathology --2020



Sector-6, Dwarka, New Delhi 110 075

GST: 07AAAAH3917LIZM PAN NO: AAAAH3917L

NAME	MR , LAXMI DATT TIWARI	STUDY DATE	23/03/2024 8:52AM
AGE / SEX	55 y / M	HOSPITAL NO.	MH011795224
ACCESSION NO.	R7107116	MODALITY	US
REPORTED ON	23/03/2024 12:35PM	REFERRED BY	Health Check MHD

USG WHOLE ABDOMEN

Results:

Liver is normal in size (14.8 cm) 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 distended and shows few polyps along anterior wall, largest measuring 3.3 x 3.0 mm. Wall thickness is normal. Common bile duct is normal in calibre.

Pancreas is normal in size and echopattern.

Spleen is normal in size (9.7 cm) and echopattern.

Both kidneys are normal in position, size and outline. Cortico-medullary differentiation of both kidneys is maintained. No focal lesion or calculus seen on either side. Bilateral pelvicalyceal systems are not dilated.

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

Prostate is normal in size, shape and echopattern. It measures 24.2 cc in volume.

No significant free fluid is detected.

IMPRESSION: USG findings are suggestive of small gall bladder polyps.

Kindly correlate clinically

Dr. Nipun Gumber MBBS, MD DMC No.90272 ASSOCIATE CONSULTANT

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





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



Awarded Clean & Green Hospital IND18.6278/05/12/2018- 04/12/2019

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GST: 07AAAAH3917LIZM PAN NO: AAAAH3917L

NAME	MR , LAXMI DATT TIWARI	STUDY DATE	23/03/2024 8:56AM
AGE / SEX	55 y / M	HOSPITAL NO.	MH011795224
ACCESSION NO.	R7107117	MODALITY	CR
REPORTED ON	23/03/2024 9:26AM	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.

Dr. Roly Srivastava MBBS, DNB DMC No.45626 CONSULTANT RADIOLOGIST

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











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

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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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