



	Dr. Vinay Chopr MD (Pathology & Mic Chairman & Consulta	robiology)		(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. MADAN LAL DHIMAN : 82 YRS/MALE : SURJESH : CENTRAL PHOENIX CLUB (AMBA : 01518648 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AME		PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1639691 : 012410100034 : 10/Oct/2024 11:32 AM : 10/Oct/2024 11:36AM : 10/Oct/2024 12:35PM
Test Name		Value	Unit	Biological Reference interval
	SWAS	THYA WE	LLNESS PANEL: 1.0	
	CON		OOD COUNT (CBC)	
RED BLOOD CELLS (R	BCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)		9.8 ^L	gm/dL	12.0 - 17.0
RED BLOOD CELL (RB		4.3	Millions/	cmm 3.50 - 5.00
PACKED CELL VOLUN	OCUSING, ELECTRICAL IMPEDENCE IE (PCV)	31.1 ^L	%	40.0 - 54.0
by CALCULATED BY A MEAN CORPUSCULA	UTOMATED HEMATOLOGY ANALYZER R VOLUME (MCV)	72.4 ^L	fL	80.0 - 100.0
-	UTOMATED HEMATOLOGY ANALYZER R HAEMOGLOBIN (MCH)	22.7 ^L	pg	27.0 - 34.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER R HEMOGLOBIN CONC. (MCHC)	31.3 ^L	g/dL	32.0 - 36.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER	31.3 15.4	%	
by CALCULATED BY A	ON WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER			11.00 - 16.00
	ON WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	41.3	fL	35.0 - 56.0
MENTZERS INDEX		16.84	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDE	X	25.83	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>(WBCS)</u>			
TOTAL LEUCOCYTE CO	DUNT (TLC) BY SF CUBE & MICROSCOPY	5250	/cmm	4000 - 11000
NUCLEATED RED BLC	OD CELLS (nRBCS)	NIL		0.00 - 20.00
NUCLEATED RED BLO	UTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %
NEUTROPHILS by FLOW CYTOMETRY	BY SF CUBE & MICROSCOPY	59	%	50 - 70



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist

EXCELLENCE IN HEALTHCARE & DIAGNOSTICS	
Dr. Yugam Chopra MD (Pathology)	

CEO & Consultant Pathologist

NAME : Mr. MADAN LAL DHIMAN **AGE/ GENDER** : 82 YRS/MALE **PATIENT ID** :1639691 **COLLECTED BY** : SURJESH :012410100034 REG. NO./LAB NO. **REFERRED BY** : CENTRAL PHOENIX CLUB (AMBALA CANTT) **REGISTRATION DATE** : 10/Oct/2024 11:32 AM **BARCODE NO.** :01518648 **COLLECTION DATE** : 10/Oct/2024 11:36AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :10/Oct/2024 12:35PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** LYMPHOCYTES 29 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 4 % 1-6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 8 % 2 - 12 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS % 0 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WBC) COUNT ABSOLUTE NEUTROPHIL COUNT 3098 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 800 - 4900 ABSOLUTE LYMPHOCYTE COUNT 1522 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 210 40 - 440 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 420 80 - 880 ABSOLUTE MONOCYTE COUNT /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE IMMATURE GRANULOCYTE COUNT 0 /cmm 0.0 - 999.0 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. 150000 - 450000 PLATELET COUNT (PLT) /cmm 121000^L by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 0.10 - 0.36 PLATELETCRIT (PCT) 0.15 % by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 14^H fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 30000 - 90000 55000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 50.3^H % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 16.8 % 15.0 - 17.0 PLATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE



NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)









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Test Name	Value	Unit	Biological Reference interval

RECHECKED



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	FRYTH	ROCYTE SEDIME	ENTATION RATE (ESR	
INTERPRETATION: 1. ESR is a non-specifimmune disease, but 2. An ESR can be affe as C-reactive protein 3. This test may also systemic lupus erythy CONDITION WITH LO A low ESR can be see (polycythaemia), sigras sickle cells in sickl NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat	does not tell the health practition cted by other conditions besides in be used to monitor disease activit ematosus WESR n with conditions that inhibit the n ificantly high white blood cell cou e cell anaemia) also lower the ESI e protein (C-RP) are both markers is not change as rapidly as does CF by as many other factors as is ESR ed, it is typically a result of two typice we a higher ESR, and menstruation	often indicates the er exactly where the aflammation. For the y and response to normal sedimentation int (leucocytosis), R. of inflammation. P, either at the state making it a better bes of proteins, glo	ne inflammation is in the his reason, the ESR is typi therapy in both of the ab tion of red blood cells, suc and some protein abnorr art of inflammation or as i marker of inflammation. bbulins or fibrinogen.	callý used in conjunction with other test such ove diseases as well as some others, such as ch as a high red blood cell count nalities. Some changes in red cell shape (such t resolves.
Drugs such as dext	d quinine may decrease it	ves, penicillamine	procainamide, theophylli	ons. ne, and vitamin A can increase ESR, while

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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Test Name		Value	Unit	Biological Reference interval
	CLIN		TRY/BIOCHEMISTR	Y
		GLUCOSE	FASTING (F)	

3. A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.





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Test Name		Value	Unit	Biological Reference interval
			OFILE : BASIC	
CHOLESTEROL TOTAL by CHOLESTEROL OXI		95.69	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239. HIGH CHOLESTEROL: > OR = 240
TRIGLYCERIDES: SERI by GLYCEROL PHOSPH	JM Hate oxidase (enzymatic)	71.68	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199. HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL (E by selective inhibition		58.61	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
DL CHOLESTEROL: S by CALCULATED, SPEC		22.74	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159. HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLESTER by CALCULATED, SPEC		37.08	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189. HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTEROL: by CALCULATED, SPEC		14.34	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUN	Л	263.06 ^L	mg/dL	350.00 - 700.00
CHOLESTEROL/HDL R by CALCULATED, SPEC	ATIO: SERUM	1.63	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0
LDL/HDL RATIO: SER by Calculated, Spe		0.39 ^L	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0



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Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD		1.22 ^L	RATIO	3.00 - 5.00

INTERPRETATION:

1. Measurements in the same patient can show physiological analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.

2. As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.

3. Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues. 4. NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement



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Test Name		Value	Unit	Biological Reference interval
	LIV	ER FUNCTION	TEST (COMPLETE)	
BILIRUBIN TOTAL: S	ERUM <i>PECTROPHOTOMETRY</i>	0.38	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	CONJUGATED): SERUM	0.15	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT	С (UNCONJUGATED): SERUM ЕСТКОРНОТОМЕТКУ	0.23	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	20.1	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	7.3	U/L	0.00 - 49.00
AST/ALT RATIO: SER by CALCULATED, SPE	ECTROPHOTOMETRY	2.75	RATIO	0.00 - 46.00
ALKALINE PHOSPHA by para nitrophen propanol	TASE: SERUM I'YL PHOSPHATASE BY AMINO METHYL	48.84	U/L	40.0 - 130.0
GAMMA GLUTAMYL by SZASZ, SPECTRO	_ TRANSFERASE (GGT): SERUM PHTOMETRY	16.16	U/L	0.00 - 55.0
TOTAL PROTEINS: S		5.39 ^L	gm/dL	6.20 - 8.00
ALBUMIN: SERUM	REEN	3.81	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SP	ECTROPHOTOMETRY	1.58 ^L	gm/dL	2.30 - 3.50
A : G RATIO: SERUN	 ECTROPHOTOMETRY	2.41 ^H	RATIO	1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

NOTE: - To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range. USE: - Differential diagnosis of diseases of hepatobiliary system and pancreas.

INCREASED:

DRUG HEPATOTOXICITY	> 2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0
INTRAHEPATIC CHOLESTATIS	> 1.5
HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Increased)





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INTERPRETATION





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DECREASED:

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

NORMAL	< 0.65
GOOD PROGNOSTIC SIGN	0.3 - 0.6
POOR PROGNOSTIC SIGN	1.2 - 1.6



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	кі	DNEY FUNCTION TES	ST (COMPLETE)	
UREA: SERUM		21.18	mg/dL	10.00 - 50.00
	ATE DEHYDROGENASE (GLDH)			
CREATININE: SERUN by ENZYMATIC, SPEC		1.01	mg/dL	0.40 - 1.40
BLOOD UREA NITRC		9.9	mg/dL	7.0 - 25.0
by CALCULATED, SPE	ECTROPHOTOMETRY		, in the second s	
BLOOD UREA NITRO RATIO: SERUM	OGEN (BUN)/CREATININE	9.8 ^L	RATIO	10.0 - 20.0
	ECTROPHOTOMETRY			
UREA/CREATININE F		20.97	RATIO	
by CALCULATED, SPE	ECTROPHOTOMETRY	a. ()	mg/dL	3.60 - 7.70
by URICASE - OXIDA	SE PEROXIDASE	2.66 ^L	Thy/uL	3.60 - 7.70
CALCIUM: SERUM		8.48 ^L	mg/dL	8.50 - 10.60
PHOSPHOROUS: SEF	ECTROPHOTOMETRY	3.61	mg/dL	2.30 - 4.70
	DATE, SPECTROPHOTOMETRY	0.01	ing/ de	2.00 1.70
ELECTROLYTES				
SODIUM: SERUM		139	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV		1.01	mmol/l	2 50 5 00
POTASSIUM: SERUM by ISE (ION SELECTIV		4.84	mmol/L	3.50 - 5.00
CHLORIDE: SERUM		104.25	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV				
	RULAR FILTERATION RATE			
	RULAR FILTERATION RATE	74.3		
(eGFR): SERUM by CALCULATED				
INTERPRETATION:				

IN IERPRETATION: To differentiate between pre- and post renal azotemia.

INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

1. Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased glomerular filtration rate.

2. Catabolic states with increased tissue breakdown.



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Test Name		Value Uni	it Biologica	al Reference interval
8. Reduced muscle m	(e.g. ureter colostomy) ass (subnormal creatinine production totracycline, glucocorticoids)	n)		
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis (6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERL CKD STAGE	ass (subnormal creatinine production tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE LEV (BUN rises disproportionately more superimposed on renal disease. 0:1) WITH DECREASED BUN : osis. d starvation. 2: creased urea synthesis. urea rather than creatinine diffuses of monemias (urea is virtually absent in f inappropiate antidiuretic harmone) 0:1) WITH INCREASED CREATININE: oy (accelerates conversion of creatin eleases muscle creatinine). who develop renal failure. sis (acetoacetate causes false increase creased BUN/creatinine ratio). apy (interferes with creatinine measu LAR FILTERATION RATE: <u>DESCRIPTION</u> Normal kidney function	FEIS: than creatinine) (e.g. obstructive out of extracellular fluid). blood).) due to tubular secretion of urea. to creatinine). se in creatinine with certain methurement). GFR (mL/min/1.73m2) >90	hodologies,resulting in norr ASSOCIATED FINDINGS No proteinuria	mal ratio when dehydratior
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis (6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERL CKD STAGE	ass (subnormal creatinine production tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE LEV (BUN rises disproportionately more superimposed on renal disease. 0:1) WITH DECREASED BUN : osis. d starvation. 2: creased urea synthesis. urea rather than creatinine diffuses of monemias (urea is virtually absent in f inappropiate antidiuretic harmone) 0:1) WITH INCREASED CREATININE: oy (accelerates conversion of creatin eleases muscle creatinine). who develop renal failure. sis (acetoacetate causes false increase creased BUN/creatinine ratio). apy (interferes with creatinine measu LAR FILTERATION RATE: DESCRIPTION Normal kidney function Kidney damage with	TELS: than creatinine) (e.g. obstructive out of extracellular fluid). h blood). due to tubular secretion of urea te to creatinine). se in creatinine with certain meth urement). GFR (mL/min/1.73m2)	hodologies,resulting in norr ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis (6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERL CKD STAGE G1 G2	ass (subnormal creatinine production tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE LEV (BUN rises disproportionately more superimposed on renal disease. 0:1) WITH DECREASED BUN : osis. d starvation. 2: creased urea synthesis. urea rather than creatinine diffuses of monemias (urea is virtually absent in f inappropiate antidiuretic harmone) 0:1) WITH INCREASED CREATININE: oy (accelerates conversion of creatin eleases muscle creatinine). who develop renal failure. sis (acetoacetate causes false increase creased BUN/creatinine ratio). apy (interferes with creatinine measu LAR FILTERATION RATE: DESCRIPTION Normal kidney function Kidney damage with normal or high GFR	FLS: than creatinine) (e.g. obstructive out of extracellular fluid). n blood).) due to tubular secretion of urea. to creatinine). se in creatinine with certain methurement).	hodologies,resulting in norr ASSOCIATED FINDINGS No proteinuria	
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis (6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERL CKD STAGE G1 G2 G3a	ass (subnormal creatinine production tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE LEV (BUN rises disproportionately more superimposed on renal disease. 0:1) WITH DECREASED BUN : osis. d starvation. creased urea synthesis. urea rather than creatinine diffuses of monemias (urea is virtually absent in f inappropiate antidiuretic harmone) 0:1) WITH INCREASED CREATININE: oy (accelerates conversion of creatin eleases muscle creatinine). who develop renal failure. sis (acetoacetate causes false increase creased BUN/creatinine ratio). apy (interferes with creatinine measu LAR FILTERATION RATE: DESCRIPTION Normal kidney function Kidney damage with normal or high GFR Mild decrease in GFR	FLS: than creatinine) (e.g. obstructive out of extracellular fluid). n blood).) due to tubular secretion of urea. to creatinine). se in creatinine with certain methurement).	hodologies,resulting in norr ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	
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DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)









	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Patholog		(Pathology)
NAME	: Mr. MADAN LAL DHIMAN		
AGE/ GENDER	: 82 YRS/MALE	PATIENT ID	: 1639691
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	:012410100034
REFERRED BY	: CENTRAL PHOENIX CLUB (AMBALA CANTT) REGISTRATION DATE	: 10/Oct/2024 11:32 AM
BARCODE NO.	: 01518648	COLLECTION DATE	: 10/Oct/2024 11:36AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 10/Oct/2024 01:39PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Т	
Test Name	Value	Unit	Biological Reference interval

COMMENTS: 1. Estimated Glomerular filtration rate (eGFR) is the sum of filtration rates in all functioning nephrons and so an estimation of the GFR provides a measure of functioning nephrons of the kidney. 2. eGFR calculated using the 2009 CKD-EPI creatinine equation and GFR category reported as per KDIGO guideline 2012 3. In patients, with eGFR creatinine between 45-59 ml/min/1.73 m2 (G3) and without any marker of Kidney damage, It is recommended to measure eGFR with Creatine CFP.

3. In patients, with eGFR cleaning between 45-59 minimit 1.73 m2 (G3) and without any marker of Kidney damage, it is recommended to measure eGFR with Cystatin C for confirmation of CKD
4. eGFR category G1 OR G2 does not fulfill the criteria for CKD, in the absence of evidence of Kidney Damage
5. In a suspected case of Acute Kidney Injury (AKI), measurement of eGFR should be done after 48-96 hours of any Intervention or procedure
6. eGFR calculated by Serum Creatinine may be less accurate due to certain factors like Race, Muscle Mass, Diet, Certain Drugs. In such cases, eGFR should be calculated using Serum Cystatin C
7. A decrease in eGFR implies either progressive renal disease, or a reversible process causing decreased nephron function (eg, severe dehydration).

ADVICE:

KDIGO guideline, 2012 recommends Chronic Kidney Disease (CKD) should be classified based on cause, eGFR category and Albuminuria (ACR) category. GFR & ACR category combined together reflect risk of progression and helps Clinician to identify the individual who are progressing at more rapid rate than anticipated

DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)

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	Dr. Vinay Ch MD (Pathology & Chairman & Con		Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. MADAN LAL DHIMAN			
AGE/ GENDER	: 82 YRS/MALE	PATIE	NT ID	: 1639691
COLLECTED BY	: SURJESH	REG. N	O./LAB NO.	: 012410100034
REFERRED BY	: CENTRAL PHOENIX CLUB (A	MBALA CANTT) REGIS	TRATION DATE	: 10/Oct/2024 11:32 AM
BARCODE NO.	: 01518648	COLLE	CTION DATE	: 10/Oct/2024 11:36AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPOI	RTING DATE	: 10/Oct/2024 11:53AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interva
		CLINICAL PATH	OLOGY	
	URINE R	OUTINE & MICROSC	OPIC EXAMINAT	ION
PHYSICAL EXAMINAT	TION			
QUANTITY RECIEVED		10	ml	
	TANCE SPECTROPHOTOMETRY			
COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY		AMBER YELLOW		PALE YELLOW
		CLEAR		CLEAR
	TANCE SPECTROPHOTOMETRY			
SPECIFIC GRAVITY		1.01		1.002 - 1.030
by DIP STICK/REFLECT	TANCE SPECTROPHOTOMETRY			
REACTION	TANCE SPECTROPHOTOMETRY	ALKALINE		
PROTEIN		Negative		NEGATIVE (-ve)
,	TANCE SPECTROPHOTOMETRY			
SUGAR	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
oH	TANGE SPECINOPHOTOMETRY	7.5		5.0 - 7.5
	TANCE SPECTROPHOTOMETRY	110		
BILIRUBIN		Negative		NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.		Negative		NEGATIVE (-VE)
JROBILINOGEN		Normal	EU/dL	0.2 - 1.0
-	TANCE SPECTROPHOTOMETRY	Negotius		
KETONE BODIES by DIP STICK/REFLECT	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY BLOOD		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		NEGATIVE (-ve)		NEGATIVE (-ve)
MICROSCOPIC EXAM				

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Vinay Chopra

MD (Pathology & Microbiology)

EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

Dr. Yugam Chopra MD (Pathology)

Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. MADAN LAL DHIMAN **AGE/ GENDER** : 82 YRS/MALE **PATIENT ID** :1639691 **COLLECTED BY** : SURJESH REG. NO./LAB NO. :012410100034 **REFERRED BY** : CENTRAL PHOENIX CLUB (AMBALA CANTT) **REGISTRATION DATE** : 10/Oct/2024 11:32 AM **BARCODE NO.** :01518648 **COLLECTION DATE** : 10/Oct/2024 11:36AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :10/Oct/2024 11:53AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval RED BLOOD CELLS (RBCs)** NEGATIVE (-ve) /HPF 0 - 3 by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT PUS CELLS 3-5 /HPF 0 - 5 by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT EPITHELIAL CELLS 1-2 /HPF ABSENT by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT CRYSTALS NEGATIVE (-ve) NEGATIVE (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT NEGATIVE (-ve) CASTS NEGATIVE (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT BACTERIA NEGATIVE (-ve) **NEGATIVE** (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT OTHERS NEGATIVE (-ve) NEGATIVE (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT ABSENT ABSENT

TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

*** End Of Report ***





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

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