



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)
NAME				
	: Mrs. URMILA VERMA : 75 YRS/FEMALE		PATIENT ID	: 1687936
	: SURJESH		REG. NO./LAB NO.	: 012412020024
	:		REGISTRATION DATE	: 012412020024 : 02/Dec/2024 10:17 AM
	: 01521841		COLLECTION DATE	: 02/Dec/2024 10:17 AM
	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 02/Dec/2024 11:26AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB/	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SWAST	HVA WF	LLNESS PANEL: 1.	n
			DOD COUNT (CBC)	U U
RED BLOOD CELLS	(RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)		14.1	gm/dL	12.0 - 16.0
by CALORIMETRIC			Ű	
RED BLOOD CELL (R)	BC) COUNT CUSING, ELECTRICAL IMPEDENCE	5.14 ^H	Millions	/cmm 3.50 - 5.00
PACKED CELL VOLUN	ME (PCV) Tomated hematology analyzer	45	%	37.0 - 50.0
MEAN CORPUSCULAI	R VOLUME (MCV)	87.5	fL	80.0 - 100.0
	tomated hematology analyzer R HAEMOGLOBIN (MCH)	27.3	pg	27.0 - 34.0
by CALCULATED BY AU	TOMATED HEMATOLOGY ANALYZER			
MEAN CORPUSCULA	R HEMOGLOBIN CONC. (MCHC) TOMATED HEMATOLOGY ANALYZER	31.2 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIBU	TION WIDTH (RDW-CV)	16.4 ^H	%	11.00 - 16.00
	tomated hematology analyzer ΓΙΟΝ WIDTH (RDW-SD)	53.9	fL	35.0 - 56.0
•	TOMATED HEMATOLOGY ANALYZER	17.00	DATIO	
MENTZERS INDEX by CALCULATED		17.02	RATIO	BETA THALASSEMIA TRAIT: < 13.0
				IRON DEFICIENCY ANEMIA:
GREEN & KING INDE	Х	27.78	RATIO	>13.0 BETA THALASSEMIA TRAIT:<;
by CALCULATED				65.0
				IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELI	LS (WBCS)			
TOTAL LEUCOCYTE (6630	/cmm	4000 - 11000
NUCLEATED RED BL	BY SF CUBE & MICROSCOPY OOD CELLS (nRBCS)	NIL		0.00 - 20.00
	HEMATOLOGY ANALYZER		%	
	OOD CELLS (nRBCS) %	NIL		< 10 %





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Yugam Chopra

MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. URMILA VERMA **AGE/ GENDER** : 75 YRS/FEMALE **PATIENT ID** :1687936 **COLLECTED BY** : SURJESH :012412020024 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :02/Dec/2024 10:17 AM : **BARCODE NO.** :01521841 **COLLECTION DATE** :02/Dec/2024 10:40AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :02/Dec/2024 11:26AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 54 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 34 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 6 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 6 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 3580 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2254 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 398 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 398 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 150000 - 450000 292000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 0.4^H PLATELETCRIT (PCT) % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 14^H fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm 152000^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 51.9^H 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 16.2% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

Dr. Vinay Chopra

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







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Test Name		/alue Unit	Biological Reference interval





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Test Name		Value	Unit	Biological Reference interval
	ERYTHE	ROCYTE SEDIM	ENTATION RATE (ESR)
mmune disease, but	does not tell the health practition tected by other conditions besides	oner exactly where t s inflammation. For	he inflammation is in the this reason, the ESR is ty	ion associated with infection, cancer and auto- e body or what is causing it. pically used in conjunction with other test such





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		hopra & Microbiology) onsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
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Test Name		Value	Unit	Biological Reference interval
	CLINI	CAL CHEMISTRY GLUCOSE FAS		'nY
GLUCOSE FASTING by GLUCOSE OXIDAS	(F): PLASMA E - PEROXIDASE (GOD-POD)	103.93 ^H	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

IN ACCRDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES: 1. A fasting plasma glucose level below 100 mg/dl is considered normal. 2. A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood

test (after consumption of 75 gms of glucose) is recommended for all such patients. 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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Fest Name		Value	Unit	Biological Reference interval
		LIPID PRO	OFILE : BASIC	
CHOLESTEROL TO	TAL: SERUM	156.07	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX	(IDASE PAP		0	BORDERLINE HIGH: 200.0 -
				239.0 HIGH CHOLESTEROL: > OR =
				240.0
RIGLYCERIDES: S		107.18	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSP	PHATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 - 199.0
				HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
IDL CHOLESTERO	L (DIRECT): SERUM	65.45	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0
by GELECTIVE INTIDIT				60.0
				HIGH HDL: $> OR = 60.0$
DL CHOLESTEROI		69.18	mg/dL	OPTIMAL: < 100.0
by CALCOLATED, SPE	CIROPHOTOMETRY			ABOVE OPTIMAL: 100.0 - 129. BORDERLINE HIGH: 130.0 -
				159.0
				HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
ION HDL CHOLEST	TEROL: SERUM	90.62	mg/dL	OPTIMAL: < 130.0
by CALCULATED, SPE		00.02	ing, ui	ABOVE OPTIMAL: 130.0 - 159.
				BORDERLINE HIGH: 160.0 -
				189.0 HIGH: 190.0 - 219.0
				VERY HIGH: $> OR = 220.0$
LDL CHOLESTER		21.44	mg/dL	0.00 - 45.00
by CALCULATED, SPE		419.32	mg/dL	350.00 - 700.00
by CALCULATED, SPE	CTROPHOTOMETRY			
CHOLESTEROL/HE		2.38	RATIO	LOW RISK: 3.30 - 4.40
by UALOULAILD, SPE				AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		1.06	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE	IDL RATIO: SERUM	1.64 ^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.

 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.
 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
	LIVER	FUNCTION	N TEST (COMPLETE)	
BILIRUBIN TOTAL	: SERUM PECTROPHOTOMETRY	1.33 ^H	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	Г (CONJUGATED): SERUM spectrophotometry	0.3	mg/dL	0.00 - 0.40
	ECT (UNCONJUGATED): SERUM	1.03 ^H	mg/dL	0.10 - 1.00
SGOT/AST: SERUM		17.7	U/L	7.00 - 45.00
SGPT/ALT: SERUM	[/RIDOXAL PHOSPHATE	8.9	U/L	0.00 - 49.00
AST/ALT RATIO: S		1.99	RATIO	0.00 - 46.00
ALKALINE PHOSP		163.84 ^H	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTRO	L TRANSFERASE (GGT): SERUM	14.64	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO	SERUM	6.77	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.05	gm/dL	3.50 - 5.50
GLOBULIN: SERUM		2.72	gm/dL	2.30 - 3.50
A : G RATIO: SERU		1.49	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





	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultan	obiology) MD	n Chopra 9 (Pathology) t Pathologist
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Test Name		Value Unit	Biological Reference interval

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).

GOOD PROGNOSTIC SIGN 0.3 - 0.6	
POOR PROGNOSTIC SIGN 1.2 - 1.6	



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Test Name		Value	Unit	Biological Reference interval
	KIDNI	EY FUNCTIO	N TEST (COMPLETE)	
UREA: SERUM		21.46	mg/dL	10.00 - 50.00
by UREASE - GLUTAN CREATININE: SER	/ATE DEHYDROGENASE (GLDH)	0.97	mg/dL	0.40 - 1.20
by ENZYMATIC, SPEC	TROPHOTOMETERY	0.37	IIIg/ UL	0.40 - 1.20
	ROGEN (BUN): SERUM	10.03	mg/dL	7.0 - 25.0
	ROGEN (BUN)/CREATININE	10.34	RATIO	10.0 - 20.0
RATIO: SERUM				
UREA/CREATININ	ECTROPHOTOMETRY E RATIO: SERUM	22.12	RATIO	
by CALCULATED, SPI	ECTROPHOTOMETRY			
URIC ACID: SERUN by URICASE - OXIDAS		2.41 ^L	mg/dL	2.50 - 6.80
CALCIUM: SERUM		9.7	mg/dL	8.50 - 10.60
by ARSENAZO III, SPE PHOSPHOROUS: SI		3.87	mg/dL	2.30 - 4.70
by PHOSPHOMOLYB	DATE, SPECTROPHOTOMETRY	0.01	ing, ui	
ELECTROLYTES				
SODIUM: SERUM by ISE (ION SELECTIN	/E ELECTRODE)	143	mmol/L	135.0 - 150.0
POTASSIUM: SERU	M	4.6	mmol/L	3.50 - 5.00
by ISE (ION SELECTIV CHLORIDE: SERUM		107.25	mmol/L	90.0 - 110.0
by ISE (ION SELECTIN		107.23		30.0 - 110.0
ESTIMATED GLON	IERULAR FILTERATION RATE			
(eGFR): SERUM	IERULAR FILTERATION RATE	60.9		
by CALCULATED INTERPRETATION:				
To differentiate betu				

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.

3. GI haemorrhage.



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Test Name		Value	Un	uit	Biologic	al Reference in	terval
INCREASED RĂTIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1	tetracycline, glucocortico 0:1) WITH ELEVATED CREA (BUN rises disproportion superimposed on renal di 0:1) WITH DECREASED BU	TININE LEVELS: ately more than creat sease.	inine) (e.g. obstructive	e uropathy).			
NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of der 5. Repeated dialysis (6. Inherited hyperami 7. SIADH (syndrome o 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (re 3. Muscular patients o 1. Diabetic ketoacidos should produce an ind 2. Cephalosporin ther ESTIMATED GLOMERU CKD STAGE G1	0:1) WITH ELEVATED CREA (BUN rises disproportions superimposed on renal di 0:1) WITH DECREASED BUI osis. Id starvation. 2. creased urea synthesis. urea rather than creatinir monemias (urea is virtual f inappropiate antidiureti 0:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure creased BUN/creatinine ra apy (interferes with creati ILAR FILTERATION RATE: DESCRIP Normal kidne	ATININE LEVELS: ately more than creat sease. N : ne diffuses out of extr ly absent in blood). c harmone) due to tul CATININE: n of creatine to creation.). calse increase in creation. inine measurement). TION GFR	acellular fluid). oular secretion of urea nine). inine with certain met (mL/min/1.73m2) >90	a. thodologies,res ASSOCIATE No pro	D FINDINGS teinuria	nal ratio when de	shydrat
NCREASED RATIO (>2 Postrenal azotemia Pererenal azotemia DECREASED RATIO (<1 Acute tubular necro Low protein diet ar Severe liver disease Other causes of der Repeated dialysis (NAPPROPIATE RATIO (<1 Phenacimide thera Rhabdomyolysis (re MAPPROPIATE RATIO Diabetic ketoacido hould produce an ind CED STAGE	0:1) WITH ELEVATED CREA (BUN rises disproportions superimposed on renal di 0:1) WITH DECREASED BU osis. Id starvation. 2. creased urea synthesis. urea rather than creatinir monemias (urea is virtual f inappropiate antidiureti 0:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure sis (acetoacetate causes f creased BUN/creatinine ra apy (interferes with creati ULAR FILTERATION RATE: DESCRIP	ATININE LEVELS: ately more than creat sease. N : ne diffuses out of extr ly absent in blood). c harmone) due to tul CATININE: n of creatine to creati). calse increase in creati atio). inine measurement). TION GFR of function age with	acellular fluid). oular secretion of urea nine). inine with certain met	a. thodologies,res ASSOCIATE No pro Presence o	D FINDINGS	nal ratio when de	ehydrat
NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of deu 5. Repeated dialysis (6. Inherited hyperamia 7. SIADH (syndrome o 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (ref 3. Muscular patients v NAPPROPIATE RATIO 1. Diabetic ketoacidos 5. hould produce an ind 2. Cephalosporin ther <u>ESTIMATED GLOMERU</u> <u>CKD STAGE</u> <u>G1</u> <u>G2</u> <u>G3a</u>	0:1) WITH ELEVATED CREA (BUN rises disproportion superimposed on renal di 0:1) WITH DECREASED BUI osis. Id starvation. 2. creased urea synthesis. urea rather than creatinir monemias (urea is virtual f inappropiate antidiureti 0:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure creased BUN/creatinine ra apy (interferes with creati ILAR FILTERATION RATE: DESCRIP Normal kidne Kidney dam normal or h Mild decreas	ATININE LEVELS: ately more than creat sease. N : he diffuses out of extr ly absent in blood). c harmone) due to tul CATININE: n of creatine to creati h. alse increase in creati atio). inine measurement). TION GFR of function age with high GFR se in GFR	acellular fluid). oular secretion of urea nine). (mL/min/1.73m2) >90 >90 60 -89	a. thodologies,res ASSOCIATE No pro Presence o	D FINDINGS teinuria of Protein ,	nal ratio when de	ehydrat
NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of der 5. Repeated dialysis (6. Inherited hyperami 7. SIADH (syndrome o 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (re 3. Muscular patients y NAPPROPIATE RATIO 1. Diabetic ketoacidos should produce an ind 2. Cephalosporin ther ESTIMATED GLOMERU CKD STAGE G1 G2	0:1) WITH ELEVATED CREA (BUN rises disproportions superimposed on renal di 0:1) WITH DECREASED BUI osis. Id starvation. 2. creased urea synthesis. urea rather than creatinir monemias (urea is virtual f inappropiate antidiureti 0:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure creased BUN/creatinine ra apy (interferes with creati ILAR FILTERATION RATE: DESCRIP Normal kidne Kidney dam normal or h	ATININE LEVELS: ately more than creat sease. N : he diffuses out of extr ly absent in blood). c harmone) due to tul ATININE: n of creatine to creati h. alse increase in creati atio). inine measurement). TION GFR of function age with high GFR ease in GFR ease in GFR	acellular fluid). oular secretion of urea nine). inine with certain met (mL/min/1.73m2) >90 >90	a. thodologies,res ASSOCIATE No pro Presence o	D FINDINGS teinuria of Protein ,	nal ratio when de	ehydrat





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



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	Dr. Vinay Chopr MD (Pathology & Mici Chairman & Consultai	robiology) M[m Chopra D (Pathology) nt Pathologist
NAME	: Mrs. URMILA VERMA		
AGE/ GENDER	: 75 YRS/FEMALE	PATIENT ID	: 1687936
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012412020024
REFERRED BY	:	REGISTRATION DATE	: 02/Dec/2024 10:17 AM
BARCODE NO.	: 01521841	COLLECTION DATE	: 02/Dec/2024 10:40AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 02/Dec/2024 12:29PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT	
Test Name		Value Unit	Biological Reference interval

COMMENTS:

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.
 eGFR calculated using the 2009 CKD-EPI creatinine equation and GFR category reported as per KDIGO guideline 2012
 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 of CFD with the commended to measure

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)







	Dr. Vinay Ch e MD (Pathology & Chairman & Cons	Microbiology)	Dr. Yugam MD EO & Consultant	(Pathology)	
NAME	: Mrs. URMILA VERMA				
AGE/ GENDER	: 75 YRS/FEMALE	PATIENT	ID	: 1687936	
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BARCODE NO.	: 01521841		ION DATE	: 02/Dec/2024 10:40AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE : 02/Dec/2024 07:26PM			
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTI			
Test Name		Value	Unit	Biological Reference interval	
		CLINICAL PATHO	LOGY		
	URINE RO	UTINE & MICROSCO	PIC EXAMINA	ATION	
PHYSICAL EXAMIN					
QUANTITY RECIEVE		10	ml		
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	AMBER YELLOW		PALE YELLOW	
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY				
TRANSPARANCY by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	HAZY		CLEAR	
SPECIFIC GRAVITY		1.01		1.002 - 1.030	
CHEMICAL EXAMIN	ANCE SPECTROPHOTOMETRY				
REACTION		ACIDIC			
by DIP STICK/REFLECT PROTEIN	ANCE SPECTROPHOTOMETRY	Nogativa		NEGATIVE (-ve)	
	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
SUGAR	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
рН	ANCE SPECTROPHOTOMETRY	<=5.0		5.0 - 7.5	
BILIRUBIN		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECT NITRITE	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY.				
UROBILINOGEN by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0	
KETONE BODIES	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
BLOOD		Negative		NEGATIVE (-ve)	
ASCORBIC ACID by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)	
MICROSCOPIC EXA			///////		
RED BLOOD CELLS	(RBCs)	NEGATIVE (-ve)	/HPF	0 - 3	



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

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NANGE



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

UDMITA VEDNAA



Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist

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CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	:02/Dec/202407:26PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
by MICROSCOPY ON	CENTRIFUGED URINARY SEDIMENT			
PUS CELLS		3-5	/HPF	0 - 5

PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	3-5	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	5-7	/HPF	ABSENT
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	CALCIUM OXALATE (+)		NEGATIVE (-ve)
CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	ABSENT		ABSENT

** End Of Report ***





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

