



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)	Dr. Yugam MD (F CEO & Consultant P	Pathology)
NAME	: Mrs. MANJEET KAUR			
AGE/ GENDER	: 85 YRS/FEMALE	P	ATIENT ID	: 1784611
COLLECTED BY	: SURJESH	R	EG. NO./LAB NO.	: 012503090028
REFERRED BY	:		EGISTRATION DATE	: 09/Mar/2025 10:13 AM
BARCODE NO.	: 01526787		OLLECTION DATE	: 09/Mar/2025 10:29AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB/		EPORTING DATE	:09/Mar/2025 10:46AM
Test Name		Value	Unit	Biological Reference interval
			LINESS PANEL: D	
		LETE BLO	OD COUNT (CBC)	
	S (RBCS) COUNT AND INDICES	to al	Ib/ mm	12.0 - 16.0
HAEMOGLOBIN (H by calorimetric	В)	10.2 ^L	gm/dL	12.0 - 18.0
RED BLOOD CELL (RBC) COUNT	3.49 ^L	Millions/c	mm 3.50 - 5.00
PACKED CELL VOLU	UME (PCV)	29.9 ^L	%	37.0 - 50.0
-	UTOMATED HEMATOLOGY ANALYZER AR VOLUME (MCV)	85.6	fL	80.0 - 100.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER			
	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	29.2	pg	27.0 - 34.0
	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	34.1	g/dL	32.0 - 36.0
RED CELL DISTRIB	UTION WIDTH (RDW-CV)	14.2	%	11.00 - 16.00
RED CELL DISTRIB	UTOMATED HEMATOLOGY ANALYZER UTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	45.5	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		24.53	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INI by CALCULATED	DEX	34.8	RATIO	BETA THALASSEMIA TRAIT:< 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CE				
	E COUNT (TLC) (by sf cube & microscopy	6630	/cmm	4000 - 11000
				0.00 - 20.00
by flow cytometry NUCLEATED RED E	BLOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL NIL	%	0.00 20.00

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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

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







Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. MANJEET KAUR AGE/ GENDER : 85 YRS/FEMALE **PATIENT ID** :1784611 **COLLECTED BY** : SURJESH :012503090028 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :09/Mar/2025 10:13 AM : **BARCODE NO.** :01526787 **COLLECTION DATE** :09/Mar/2025 10:29AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :09/Mar/2025 10:46AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 48^L % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 42^H LYMPHOCYTES % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 1 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 9 % 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 3182 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2785 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 66 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 597 /cmm 80 - 880 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 0.0 - 999.00 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 256000 /cmm 150000 - 450000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 0.22 PLATELETCRIT (PCT) % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 8 fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 41000 /cmm 30000 - 90000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 15.9% 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.7% 15.0 - 17.0

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE



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







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Test Name	Value	Unit	Biological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



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LIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	:09/Mar/2025 11:37AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AI	MBALA CANTT		
Fest Name		Value	Unit	Biological Reference interval
	ERYTHRO	CYTE SEDIMEN	TATION RATE (1	ESR)
nmune disease, but . An ESR can be affe s C-reactive protein . This test may also onDITION WITH LO . Iow ESR can be see bolycythaemia), sigr s sickle cells in sickl IOTE: . ESR and C - reactive . Generally, ESR doe . CRP is not affected . If the ESR is elevat . Women tend to ha . Drugs such as dexi	does not tell the health practition cted by other conditions besides in be used to monitor disease activity ematosus W ESR n with conditions that inhibit the r hificantly high white blood cell cou e cell anaemia) also lower the ESF e protein (C-RP) are both markers of es not change as rapidly as does CR by as many other factors as is ESR, ed, it is typically a result of two typ we a higher ESR, and menstruation	er exactly where the flammation. For this y and response to the normal sedimentation nt (leucocytosis), an cof inflammation. P, either at the start making it a better m bes of proteins, globu and pregnancy can c	inflammation is in the s reason, the ESR is type erapy in both of the a n of red blood cells, su d some protein abno of inflammation or as arker of inflammatior Juns or fibrinogen. ause temporary eleva	picallý used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count ormalities. Some changes in red cell shape (suc s it resolves. n .





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MBBS, MD (PATHOLOGY)







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BARCODE NO.	: 01526787	COL			
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	:09/Mar/2025 11:39AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
	CLINI	ICAL CHEMISTRY GLUCOSE FAS		'RY	
GLUCOSE FASTING	G (F): PLASMA E - PEROXIDASE (GOD-POD)	92.19	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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROI	FILE : BASIC	
CHOLESTEROL TO	TAL: SERUM	146.92	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX		110.02	ing, ut	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM HATE OXIDASE (ENZYMATIC)	65.82	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
				VERY HIGH: > OR = 500.0
HDL CHOLESTERO	L (DIRECT): SERUM ion	69.46	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI by CALCULATED, SPE		64.3	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0
NON HDL CHOLEST by CALCULATED, SPE		77.46	mg/dL	VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0
				VERY HIGH: $> OR = 220.0$
VLDL CHOLESTER(by CALCULATED, SPE		13.16	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SER	RUM	359.66	mg/dL	350.00 - 700.00
by CALCULATED, SPE CHOLESTEROL/HE by CALCULATED, SPE	DL RATIO: SERUM	2.12	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0



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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		0.93	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	0.95 ^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
BILIRUBIN DIREC		FUNCTIO 0.69 0.15 0.54	N TEST (COMPLETE) mg/dL mg/dL mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20 0.00 - 0.40 0.10 - 1.00
	ECTROPHOTOMETRY	20.3	U/L	7.00 - 45.00
SGPT/ALT: SERUM		18.9	U/L	0.00 - 49.00
AST/ALT RATIO: S	yridoxal phosphate SERUM ectrophotometry	1.07	RATIO	0.00 - 46.00
ALKALINE PHOSP		120.75	U/L	40.0 - 130.0
GAMMA GLUTAM by szasz, spectro	YL TRANSFERASE (GGT): SERUM	3.11	U/L	0.00 - 55.0
TOTAL PROTEINS	: SERUM OPHOTOMETRY	6.42	gm/dL	6.20 - 8.00
ALBUMIN: SERUM	I	3.95	gm/dL	3.50 - 5.50
GLOBULIN: SERU		2.47	gm/dL	2.30 - 3.50
A : G RATIO: SERU	M	1.6	RATIO	1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

INTERPRETATION

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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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).

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



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Test Name		Value	Unit	Biological Reference interva		
	KIDNE	Y FUNCTION	FEST (COMPLETE)			
UREA: SERUM	MATE DEHYDROGENASE (GLDH)	28.61	mg/dL	10.00 - 50.00		
CREATININE: SER	UM	0.76	mg/dL	0.40 - 1.20		
-	CTROPHOTOMETERY ROGEN (BUN): SERUM	13.37	mg/dL	7.0 - 25.0		
	ECTROPHOTOMETRY	15.57	iiig/ uL	7.0 - 23.0		
	ROGEN (BUN)/CREATININE	17.59	RATIO	10.0 - 20.0		
RATIO: SERUM by CALCULATED, SPI	ECTROPHOTOMETRY					
UREA/CREATININ		37.64	RATIO			
by CALCULATED, SPI	ECTROPHOTOMETRY I	3.11	mg/dL	2.50 - 6.80		
by URICASE - OXIDAS	SE PEROXIDASE					
CALCIUM: SERUM	ECTROPHOTOMETRY	9.73	mg/dL	8.50 - 10.60		
PHOSPHOROUS: SI	ERUM	3.41	mg/dL	2.30 - 4.70		
by PHOSPHOMOLYBI ELECTROLYTES	DATE, SPECTROPHOTOMETRY					
SODIUM: SERUM		142.9	mmol/L	135.0 - 150.0		
by ISE (ION SELECTIV				133.0 - 130.0		
POTASSIUM: SERU by ISE (ION SELECTIV		4.15	mmol/L	3.50 - 5.00		
CHLORIDE: SERUN		107.18	mmol/L	90.0 - 110.0		
by ISE (ION SELECTIN						
	MERULAR FILTERATION RATE	70 7				
ESTIMATED GLOM (eGFR): SERUM	IERULAR FILTERATION RATE	76.7				
by CALCULATED						
INTERPRETATION:						

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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CLIENT CODE.	: KOS DIAGNOST	CIAD		PORTING DATE		/Mar/2025 1		
CLIENT ADDRESS		LSON ROAD, AMBA		I ORING DATE	.08	/ Widi / 2023 1	2.211 IVI	
Test Name			Value	Uni	it	Biolog	ical Referen	ce interva
 Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (tetracycline, glucoc 0:1) WITH ELEVATE (BUN rises disprop superimposed on ro 0:1) WITH DECREAS	atinine production) corticoids) D CREATININE LEVEL ortionately more th enal disease.		(e.g. obstructive	uropathy).			
 Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia Perenal azotemia Acute tubular necr Low protein diet ar Severe liver diseas Other causes of de Repeated dialysis (SIADH (syndrome of Pregnancy. Pregnancy. PCREASED RATIO (Rhabdomyolysis (r Muscular patients Mappropiate RATIO Diabetic ketoacido Cephalosporin thei 	(e.g. ureter colosto ass (subnormal cre- tetracycline, glucoc 0:1) WITH ELEVATE (BUN rises disprop superimposed on ro 0:1) WITH DECREAS osis. Ind starvation. e. creased urea synthe urea rather than cr monemias (urea is of inappropiate anti- 0:1) WITH INCREAS py (accelerates con eleases muscle creas who develop renal : sis (acetoacetate ca creased BUN/creati apy (interferes with <u>ULAR FILTERATION R</u> Norma	atinine production) corticoids) D CREATININE LEVEL ortionately more the enal disease. ED BUN : easis. eatinine diffuses ou virtually absent in b diuretic harmone) d ED CREATININE: version of creatine atinine). failure. failure. failure. failure. creatinine measure ATE: ESCRIPTION I kidney function y damage with	an creatinine) t of extracellu lood). ue to tubular s to creatinine). in creatinine v ement). GFR (mL/r	lar fluid). ecretion of urea	hodologies,re ASSOCIA No pr Presence	ED FINDINGS Toteinuria e of Protein ,		en dehydra
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r B. Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in CEphalosporin ther STIMATED GLOMERL CKD STAGE G1 G2	(e.g. ureter colosto ass (subnormal cre- tetracycline, glucoc 0:1) WITH ELEVATE (BUN rises disprop superimposed on ro 0:1) WITH DECREAS osis. Ind starvation. e. creased urea synthe urea rather than cr monemias (urea is of inappropiate anti- 0:1) WITH INCREAS py (accelerates con eleases muscle creas who develop renal : sis (acetoacetate ca creased BUN/creati apy (interferes with <u>ILAR FILTERATION R</u> Norma	atinine production) corticoids) D CREATININE LEVEL ortionately more the enal disease. ED BUN : easis. eatinine diffuses ou virtually absent in b diuretic harmone) d ED CREATININE: version of creatine atinine). failure.	an creatinine) t of extracellu lood). ue to tubular s co creatinine). in creatinine v ement). GFR (mL/r	lar fluid). ecretion of urea vith certain meth nin/1.73m2) .90	hodologies,re ASSOCIA No pr Presence	TED FINDINGS		en dehydra
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (Neregnancy. DECREASED RATIO (< Negnancy. DECREASED RATIO (< Negnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE G1	(e.g. ureter colosto ass (subnormal cre- tetracycline, glucoc 0:1) WITH ELEVATE (BUN rises disprop superimposed on ro 0:1) WITH DECREAS osis. ad starvation. b: creased urea synthe urea rather than cr monemias (urea is finappropiate anti- 0:1) WITH INCREAS py (accelerates con eleases muscle creas who develop renal : sis (acetoacetate ca creased BUN/creati apy (interferes with <u>UAR FILTERATION R</u> Norma Kidne norm	atinine production) corticoids) D CREATININE LEVEL ortionately more the enal disease. ED BUN : easis. eatinine diffuses ou virtually absent in b diuretic harmone) d ED CREATININE: version of creatine atinine). failure. failure. failure. failure. creatinine measure ATE: ESCRIPTION I kidney function y damage with	an creatinine) t of extracellu lood). ue to tubular s co creatinine). in creatinine v ement).	lar fluid). ecretion of urea vith certain metl nin/1.73m2)	hodologies,re ASSOCIA No pr Presence	ED FINDINGS Toteinuria e of Protein ,		en dehydra
B. Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 I. Postrenal azotemia DECREASED RATIO (< 1. Acute tubular necr Low protein diet ar Severe liver diseas Other causes of de Severe liver diseas Nother causes of de Severe liver diseas Nother causes of de Severe liver diseas Other causes of de Severe liver diseas Nother causes of de Severe liver diseas Severe liver diseas	(e.g. ureter colosto ass (subnormal cre- tetracycline, glucoc 0:1) WITH ELEVATEI (BUN rises disprop superimposed on ro 0:1) WITH DECREAS osis. Ind starvation. e. creased urea synthe urea rather than cr monemias (urea is of inappropiate anti- terased urea synthe urea rather than cr monemias (urea is of inappropiate anti- 0:1) WITH INCREAS py (accelerates con eleases muscle creas who develop renal : sis (acetoacetate ca creased BUN/creati apy (interferes with UAR FILTERATION R Norma Norma Mild co Moderati	atinine production) corticoids) D CREATININE LEVEL ortionately more the enal disease. ED BUN : essis. eatinine diffuses ou virtually absent in b diuretic harmone) d ED CREATININE: version of creatine atinine). failure. suses false increase nine ratio). a creatinine measure ATE: ESCRIPTION I kidney function y damage with ial or high GFR lecrease in GFR	an creatinine) t of extracellu lood). ue to tubular s co creatinine). in creatinine v ement). GFR (mL/r 5 60 30 15	lar fluid). ecretion of urea vith certain metl nin/1.73m2) .90 .90	hodologies,re ASSOCIA No pr Presence	ED FINDINGS Toteinuria e of Protein ,		en dehydra





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

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







CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTI	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	:09/Mar/2025 12:21PM
BARCODE NO.	: 01526787	COLLECTION DATE	:09/Mar/2025 10:29AM
REFERRED BY	:	REGISTRATION DA	TE : 09/Mar/2025 10:13 AM
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012503090028
AGE/ GENDER	: 85 YRS/FEMALE	PATIENT ID	: 1784611
NAME	: Mrs. MANJEET KAUR		
	MD (Pathology 8 Chairman & Con		MD (Pathology) ultant Pathologist
	Dr. Vinay Ch		Igam Chopra

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)





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	MD (Pa	nay Chopra thology & Microbiology) an & Consultant Pathologist		(Pathology)
NAME	: Mrs. MANJEET KA	JR		
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BARCODE NO.	: 01526787		COLLECTION DATE	: 09/Mar/2025 10:13 AM
				: 09/Mar/2025 12:22PM
LIENT CODE. LIENT ADDRESS	: KOS DIAGNOSTIC L : 6349/1, NICHOLSO	N ROAD, AMBALA CANTT	REPORTING DATE	. 09/Mai/2025 12.22PM
Test Name		Value	Unit	Biological Reference interval
		VIT	AMINS	
			AMINS (DROXY VITAMIN D	3
	DROXY VITAMIN D3) ESCENCE IMMUNOASSAY)	SERUM 39.1	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
	CIENT:	00		
DEFI		< 20	n	n/mL
	FICIENT:	< 20 21 - 29		g/mL g/mL
INSUF Preffer Intox	FICIENT: ED RANGE: ICATION:	21 - 29 30 - 100 > 100		

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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

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







	Dr. Vinay Cho MD (Pathology & Chairman & Const	Microbiology)	Dr. Yugam MD EO & Consultant	(Pathology)	
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REFERRED BY	:		ATION DATE	: 09/Mar/2025 10:13 AM	
BARCODE NO.	: 01526787		ION DATE	: 09/Mar/2025 10:29AM	
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A	REPORTING DATE		: 09/Mar/2025 12:35PM	
CLIENI ADDRESS	. 0349/ 1, MCHOLSON KOAD, A	MIDALA CANTI			
Test Name		Value	Unit	Biological Reference interval	
		CLINICAL PATHO	IOCY		
	URINE ROI	UTINE & MICROSCOL		ATION	
PHYSICAL EXAMI					
QUANTITY RECIEV		10	ml		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY COLOUR		PALE YELLOW		PALE YELLOW	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY				
TRANSPARANCY	TANCE SPECTROPHOTOMETRY	HAZY		CLEAR	
SPECIFIC GRAVITY		<=1.005		1.002 - 1.030	
CHEMICAL EXAMI	TANCE SPECTROPHOTOMETRY				
REACTION		ALKALINE			
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	-			
SUGAR by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
pH		7.5		5.0 - 7.5	
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLEC NITRITE	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY. UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY					
		Normal	EU/dL	0.2 - 1.0	
KETONE BODIES by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
BLOOD	TANCE SPECTROPHOTOMETRY	TRACE		NEGATIVE (-ve)	
ASCORBIC ACID		NEGATIVE (-ve)		NEGATIVE (-ve)	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY				
RED BLOOD CELLS		2-3	/HPF	0 - 3	
	. ,				



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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: Ilnd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



NANCE



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

MANDET VAUD



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

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Test Name		Value	Unit	Biological Reference interval
by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT	5-7	/HPF	0 - 5
EDITUELIAL CELL		1.9	/IIDE	ADCENT

EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-2	/HPF	ABSENT
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		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	AMORPHOUS (+)		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)

