



Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant			Pathology)
NAME : Mr. ASHISH NARANG			
AGE/ GENDER : 54 YRS/MALE		PATIENT ID	: 1813588
COLLECTED BY :		REG. NO./LAB NO.	: 012504010002
REFERRED BY :		<b>REGISTRATION DATE</b>	: 01/Apr/2025 06:43 AM
BARCODE NO. : 01528116		COLLECTION DATE	:01/Apr/2025 08:38AM
CLIENT CODE. : KOS DIAGNOSTIC LAB		REPORTING DATE	: 01/Apr/2025 09:16AM
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBA	LA CANTT		
Test Name	Value	Unit	Biological Reference interval
SWASTH	VA WF	LLNESS PANEL: 1.	0
		OOD COUNT (CBC)	0
RED BLOOD CELLS (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)	14	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (RBC) COUNT	4.73	Millions/c	emm 3.50 - 5.00
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PACKED CELL VOLUME (PCV)	42.4	%	40.0 - 54.0
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER			
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	89.5	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	29.7	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	2) 33.2	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	13.4	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD)	44.8	fL	35.0 - 56.0
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MENTZERS INDEX	18.92	RATIO	BETA THALASSEMIA TRAIT: <
by CALCULATED			13.0
			IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX	76.67	RATIO	BETA THALASSEMIA TRAIT:
by CALCULATED			<= 74.1 IRON DEFICIENCY ANEMIA:
			>= 74.1
WHITE BLOOD CELLS (WBCS)			
TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	4180	/cmm	4000 - 11000
NUCLEATED RED BLOOD CELLS (nRBCS)	NIL		0.00 - 20.00
by AUTOMATED 6 PART HEMATOLOGY ANALYZER NUCLEATED RED BLOOD CELLS (nRBCS) %	NIL	%	< 10 %
	ļ	1	

57 2.5

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

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

yhoira

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	<b>Dr. Vinay Chop</b> MD (Pathology & M Chairman & Consul	licrobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
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Test Name		Value	Unit	Biological Reference interval
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER			
<u>DIFFERENTIAL LI</u>	EUCOCYTE COUNT (DLC)			
NEUTROPHILS		62	%	50 - 70
	Y BY SF CUBE & MICROSCOPY			
LYMPHOCYTES	Y BY SF CUBE & MICROSCOPY	27	%	20 - 40
EOSINOPHILS	BT SF COBE & MICKOSCOFT	6	%	1 - 6
	BY SF CUBE & MICROSCOPY	, i i i i i i i i i i i i i i i i i i i	/0	r o
MONOCYTES		5	%	2 - 12
	Y BY SF CUBE & MICROSCOPY	0		
BASOPHILS	BY SF CUBE & MICROSCOPY	0	%	0 - 1
	OCYTES (WBC) COUNT			
		2502	1	2000 7500
ABSOLUTE NEUTR	BY SF CUBE & MICROSCOPY	2592	/cmm	2000 - 7500
ABSOLUTE LYMPH		1129	/cmm	800 - 4900
	BY SF CUBE & MICROSCOPY			
ABSOLUTE EOSIN		251	/cmm	40 - 440
	Y BY SF CUBE & MICROSCOPY	200	lomm	80 880
ABSOLUTE MONO	BY SF CUBE & MICROSCOPY	209	/cmm	80 - 880
ABSOLUTE BASOP		0	/cmm	0 - 110
-	BY SF CUBE & MICROSCOPY			
PLATELETS AND (	OTHER PLATELET PREDICTI	VE MARKERS.		
PLATELET COUNT	C (PLT)	169000	/cmm	150000 - 450000
PLATELETCRIT (P	,	0.2	%	0.10 - 0.36
	OCUSING, ELECTRICAL IMPEDENCE	0.2	70	0.10 - 0.50
MEAN PLATELET		12	fL	6.50 - 12.0
	OCUSING, ELECTRICAL IMPEDENCE			
	CELL COUNT (P-LCC)	66000	/cmm	30000 - 90000
	OCUSING, ELECTRICAL IMPEDENCE CELL RATIO (P-LCR)	39.1	%	11.0 - 45.0
	OCUSING, ELECTRICAL IMPEDENCE	57.1	70	11.0 - 73.0
PLATELET DISTRI	BUTION WIDTH (PDW)	16.5	%	15.0 - 17.0





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Test Name	Va	lue Unit	<b>Biological Reference interval</b>

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		Dr. Vinay Ch MD (Pathology & Chairman & Cons	Microbiology)		) (Pathology)
NAME	: Mr. ASHISI	H NARANG			
AGE/ GENDER	: 54 YRS/MA	LE		PATIENT ID	: 1813588
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BARCODE NO.	:01528116			COLLECTION DATE	:01/Apr/2025 08:38AM
CLIENT CODE.	: KOS DIAGN	OSTIC LAB		REPORTING DATE	: 01/Apr/2025 09:50AM
CLIENT ADDRESS	: 6349/1, NI	CHOLSON ROAD,	AMBALA CANTT		
Test Name			Value	Unit	Biological Reference interval
ERYTHROCYTE S				MENTATION RATE mm/1st ]	
systemic lupus eryth CONDITION WITH LO A low ESR can be see (polycythaemia), sigi as sickle cells in sick NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha	ematosus W ESR en with condition hificantly high v le cell anaemia re protein (C-RP es not change a l by as many oth ed, it is typicall ave a higher ESR tran, methyldog	ons that inhibit the white blood cell co ) also lower the E ) are both markers s rapidly as does C ner factors as is ES y a result of two t R, and menstruatio pa, oral contracep	e normal sedimer ount (leucocytosis SR. s of inflammation CRP, either at the <b>R, making it a bel</b> ypes of proteins, n and pregnancy tives, penicillami	ntation of red blood cells, s s) , and some protein abno s. start of inflammation or a tter marker of inflammatio globulins or fibrinogen. can cause temporary eleva	n.





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	Mr. ASHISH NARANG			
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BARCODE NO. :	01528116		COLLECTION DATE	: 01/Apr/2025 08:38AM
CLIENT CODE.	KOS DIAGNOSTIC LAB		REPORTING DATE	: 01/Apr/2025 12:30PM
CLIENT ADDRESS :	3349/1, NICHOLSON ROAD	), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
GLUCOSE FASTING (1 by GLUCOSE OXIDASE - F		135.46 <sup>H</sup>	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0
1. A fasting plasma gluco 2. A fasting plasma gluco test (after consumption o 3. A fasting plasma gluco	of 75 ams of alucose) is reco	s considered norma mg/dl is considere ommended for all su ll is highly suggestiv	d as glucose intolerant or uch patients. e of diabetic state. A repe	prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for al atory for diabetic state.

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		LIPID PRO	FILE : BASIC	
CHOLESTEROL TO	TAL: SERUM	156.36	mg/dL	<b>OPTIMAL</b> : < 200.0
by CHOLESTEROL OX		150.50	ing/dL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR =
				240.0
TRIGLYCERIDES: 5 by GLYCEROL PHOSP	SERUM HATE OXIDASE (ENZYMATIC)	167.6 <sup>H</sup>	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
	DL (DIRECT): SERUM	44.45	mg/dL	VERY HIGH: > OR = 500.0 LOW HDL: < 30.0
by SELECTIVE INHIBIT		44.45	ing/uL	BORDERLINE HIGH HDL: 30.0 60.0
LDL CHOLESTERO	I.SEDIM	78.51	mg/dL	HIGH HDL: > OR = 60.0 OPTIMAL: < 100.0
by CALCULATED, SPE		70.51	ing/dL	ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLES by CALCULATED, SPE		111.91	mg/dL	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	OL: SERUM	33.52	mg/dL	0.00 - 45.00
by CALCULATED, SPE	CTROPHOTOMETRY RUM	480.44	mg/dL	350.00 - 700.00
by CALCULATED, SPE CHOLESTEROL/HE by CALCULATED, SPE	DL RATIO: SERUM	3.52	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0

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Test Name		Value	Unit	<b>Biological Reference interval</b>
				MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0
LDL/HDL RATIO: S by CALCULATED, SPE		1.77	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE	HDL RATIO: SERUM	3.77	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.

 Cow 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
L	LIVER F	UNCTIC	N TEST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SF	: SERUM PECTROPHOTOMETRY	0.74	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	T (CONJUGATED): SERUM	0.19	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE	ECT (UNCONJUGATED): SERUM	0.55	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	I RIDOXAL PHOSPHATE	23.34	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	I RIDOXAL PHOSPHATE	36.45	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE		0.64	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	55.46	U/L	40.0 - 130.0
GAMMA GLUTAM by SZASZ, SPECTROF	YL TRANSFERASE (GGT): SERUN PHTOMETRY	1 33.67	U/L	0.00 - 55.0
TOTAL PROTEINS by BIURET, SPECTRO	: SERUM	6.75	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.22	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	Л	2.53	gm/dL	2.30 - 3.50
A : G RATIO: SERU by CALCULATED, SPE	<sup>I</sup> M	1.67	RATIO	1.00 - 2.00

**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





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Test Name		Value Unit	Biological Reference interval
HEPATOCELLULAR C	ARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slight)	y Increased)

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).

PROGNOSTIC SIGNIFICANCE:

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	<b>Biological Reference interva</b>
	KIDNE	Y FUNCTIO	ON TEST (COMPLET)	E)
UREA: SERUM		26.06	mg/dL	10.00 - 50.00
by UREASE - GLUTAN	IATE DEHYDROGENASE (GLDH)			
CREATININE: SER		1.02	mg/dL	0.40 - 1.40
by ENZYMATIC, SPECTROPHOTOMETERY BLOOD UREA NITROGEN (BUN): SERUM		12.18	mg/dL	7.0 - 25.0
by CALCULATED, SPECTROPHOTOMETRY				
	ROGEN (BUN)/CREATININE	11.94	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED, SPE	ECTROPHOTOMETRY			
UREA/CREATININ		25.55	RATIO	
by CALCULATED, SPE		4.51	(17	2.60. 7.70
URIC ACID: SERUN by URICASE - OXIDAS		4.51	mg/dL	3.60 - 7.70
CALCIUM: SERUM		9.29	mg/dL	8.50 - 10.60
by ARSENAZO III, SPE		0.57	/ 17	2.20 4.70
PHOSPHOROUS: SI by PHOSPHOMOLYBE	ERUM DATE, SPECTROPHOTOMETRY	2.57	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM		140.5	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV				
POTASSIUM: SERU		4.27	mmol/L	3.50 - 5.00
CHLORIDE: SERUN	,	105.38	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	,			
	MERULAR FILTERATION RAT			
	MERULAR FILTERATION RATE	87.3		
(eGFR): SERUM				
INTERPRETATION:				
	een pre- and post renal azotemia.			

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.



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BARCODE NO.	:01528116	COLLE	CTION DATE	: 01/Apr/2025 08:38AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPOR	TING DATE	: 01/Apr/2025 11:40AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT			
Test Name		Value	Unit	Biological Ref	ference interval
	superimposed on renal diseas I0:1) WITH DECREASED BUN :	с.			
<ol> <li>Acute tubular necr</li> <li>Low protein diet al</li> <li>Severe liver diseas</li> <li>Other causes of de</li> <li>Repeated dialysis</li> <li>Inherited hyperam</li> <li>SIADH (syndrome of Pregnancy.</li> <li>Pregnancy.</li> <li>PCEREASED RATIO (</li> <li>Rhabdomyolysis (r</li> <li>Muscular patients</li> <li>NAPPROPIATE RATIO</li> </ol>	nd starvation. e. creased urea synthesis. (urea rather than creatinine di monemias (urea is virtually ab of inappropiate antidiuretic han (0:1) WITH INCREASED CREATIN py (accelerates conversion of eleases muscle creatinine). who develop renal failure.	osent in blood). rmone) due to tubular secre <b>JINE:</b> creatine to creatinine).	tion of urea.	ogies,resulting in normal rati	io when dehydratio
<ol> <li>Acute tubular necr</li> <li>Low protein diet ai</li> <li>Severe liver diseas</li> <li>Other causes of de</li> <li>Repeated dialysis</li> <li>Inherited hyperam</li> <li>SIADH (syndrome of</li> <li>Pregnancy.</li> <li>DECREASED RATIO (</li> <li>Rhabdomyolysis (r</li> <li>Muscular patients</li> <li>MAPPROPIATE RATIO</li> <li>Diabetic ketoacido</li> <li>Should produce an in</li> <li>Cephalosporin the</li> </ol>	nd starvation. e. creased urea synthesis. (urea rather than creatinine di monemias (urea is virtually ab of inappropiate antidiuretic han <b>10:1) WITH INCREASED CREATIN</b> py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false creased BUN/creatinine ratio) rapy (interferes with creatinine	osent in blood). rmone) due to tubular secre <b>JINE:</b> creatine to creatinine). increase in creatinine with	tion of urea.	ogies,resulting in normal rati	io when dehydratio
<ol> <li>Acute tubular necr</li> <li>Low protein diet al</li> <li>Severe liver diseas</li> <li>Other causes of de</li> <li>Repeated dialysis</li> <li>Inherited hyperam</li> <li>SIADH (syndrome of</li> <li>Pregnancy.</li> <li>DECREASED RATIO (</li> <li>Rhabdomyolysis (r</li> <li>Muscular patients</li> <li>MAPPROPIATE RATIO</li> <li>Diabetic ketoacido</li> <li>Should produce an in</li> <li>Cephalosporin the</li> <li>ESTIMATED GLOMERI</li> <li>CKD STAGE</li> </ol>	nd starvation. e. creased urea synthesis. (urea rather than creatinine di monemias (urea is virtually ab of inappropiate antidiuretic han to:1) WITH INCREASED CREATIN py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false creased BUN/creatinine ratio) apy (interferes with creatinine JLAR FILTERATION RATE: DESCRIPTION	sent in blood). rmone) due to tubular secre <b>JINE:</b> creatine to creatinine). increase in creatinine with e measurement). <b>J</b> GFR ( mL/min/	etion of urea. certain methodole	SOCIATED FINDINGS	io when dehydratio
Acute tubular necr Low protein diet al Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin the STIMATED GLOMERU	nd starvation. e. creased urea synthesis. (urea rather than creatinine di monemias (urea is virtually ab of inappropiate antidiuretic han <b>10:1) WITH INCREASED CREATIN</b> py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false creased BUN/creatinine ratio) apy (interferes with creatinine JLAR FILTERATION RATE:	sent in blood). rmone) due to tubular secre <b>JINE:</b> creatine to creatinine). increase in creatinine with measurement). <u>J GFR (mL/min/</u> nction >90	etion of urea. certain methodol 1.73m2 ) AS		io when dehydratio

UKD STAGE	DESCRIPTION	OFK (1112/11111/1.73112)	ASSOCIATED FINDINGS
G1	Normal kidney function	>90	No proteinuria
G2	Kidney damage with	>90	Presence of Protein,
	normal or high GFR		Albumin or cast in urine
G3a	Mild decrease in GFR	60 -89	
G3b	Moderate decrease in GFR	30-59	
G4	Severe decrease in GFR	15-29	
G5	Kidney failure	<15	





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	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Pathologi		(Pathology)
NAME	: Mr. ASHISH NARANG		
AGE/ GENDER	: 54 YRS/MALE	PATIENT ID	: 1813588
<b>COLLECTED BY</b>	:	REG. NO./LAB NO.	: 012504010002
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 01/Apr/2025 06:43 AM
BARCODE NO.	: 01528116	<b>COLLECTION DATE</b>	: 01/Apr/2025 08:38AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 01/Apr/2025 11:40AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	ſ	
Test Name	Value	Unit	<b>Biological Reference interval</b>

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



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MD (Pa		<b>y Chopra</b> logy & Microbiology) & Consultant Pathologist		
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AGE/ GENDER	: 54 YRS/MALE	PA	TIENT ID	: 1813588
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 01/Apr/2025 08:50AM
CLIENT ADDRESS	: 6349/1, NICHOLSON R	OAD, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interv</b>
		CLINICAL PA	ATHOLOGY	
	URINE	ROUTINE & MICRO	DSCOPIC EXAMI	NATION
PHYSICAL EXAM				
QUANTITY RECIE		10	ml	
COLOUR		PALE YELLO	OW	PALE YELLOW
	CTANCE SPECTROPHOTOMETR			
TRANSPARANCY	CTANCE SPECTROPHOTOMETR	CLEAR		CLEAR
SPECIFIC GRAVIT		1.01		1.002 - 1.030
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETR			
CHEMICAL EXAN	<u>MINATION</u>			
REACTION		ACIDIC		
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETR	Negative		NEGATIVE (-ve)
	CTANCE SPECTROPHOTOMETR			
SUGAR		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETR	5.5		5.0 - 7.5
*	CTANCE SPECTROPHOTOMETR			5.0 - 1.5
BILIRUBIN		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETR			NECATIVE (wa)
	CTANCE SPECTROPHOTOMETR	Negative		NEGATIVE (-ve)
UROBILINOGEN		Normal	EU/dL	0.2 - 1.0
	CTANCE SPECTROPHOTOMETR			
KETONE BODIES by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETR	Negative		NEGATIVE (-ve)
BLOOD		Negative		NEGATIVE (-ve)
•	CTANCE SPECTROPHOTOMETR			
ASCORBIC ACID	CTANCE SPECTROPHOTOMETR	NEGATIVE (	(-ve)	NEGATIVE (-ve)

MICROSCOPIC EXAMINATION



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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



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

NAME	: Mr. ASHISH NARANG				
AGE/ GENDER	: 54 YRS/MALE	PATIENT I	D	: 1813588	
COLLECTED BY	:	<b>REG. NO.</b> /1	LAB NO.	: <b>012504010002</b> : 01/Apr/2025 06:43 AM : 01/Apr/2025 08:38AM	
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
RED BLOOD CELL by MICROSCOPY ON C	S (RBCs) CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)	/HPF	0 - 3	
PUS CELLS by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT	3-4	/HPF	0 - 5	
	C .	• •	// IDE		

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT				
EPITHELIAL CELLS	2-3	/HPF	ABSENT	
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT				
CRYSTALS	NEGATIVE (-ve)		NEGATIVE (-ve)	
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT				
CASTS	NEGATIVE (-ve)		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				
TRICHOMONAS VAGINALIS (PROTOZOA)	ABSENT		ABSENT	
DV MICRUSCUPY UNICENTRIEUGED HRINARY SEDIMENT				

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





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