



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)	
NAME	: Mr. ASHISH				
AGE/ GENDER	: 28 YRS/MALE		PATIENT ID	:861649	
COLLECTED BY	:		REG. NO./LAB NO.	:012502	150019
REFERRED BY	:		REGISTRATION DATE		2025 10:42 AM
BARCODE NO.	: 01525547		COLLECTION DATE		2025 10:46AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMBA	ΔΙ Α CANTT	REPORTING DATE	: 15/Feb/2	2025 11:05AM
	. 0340/ 1, MONOLSON ROAD, AMD				
Test Name		Value	Unit	E	biological Reference interval
HAEMOGLOBIN (HB by CALORIMETRIC RED BLOOD CELL (F by HYDRO DYNAMIC FC PACKED CELL VOLU by CALCULATED BY AL MEAN CORPUSCULA by CALCULATED BY AL MEAN CORPUSCULA by CALCULATED BY AL RED CELL DISTRIBU by CALCULATED BY AL RED CELL DISTRIBU	COMP (RBCS) COUNT AND INDICES (RBC) COUNT DUSING, ELECTRICAL IMPEDENCE ME (PCV) ITOMATED HEMATOLOGY ANALYZER R VOLUME (MCV) ITOMATED HEMATOLOGY ANALYZER AR HAEMOGLOBIN (MCH) ITOMATED HEMATOLOGY ANALYZER (TION WIDTH (RDW-CV) ITOMATED HEMATOLOGY ANALYZER ITION WIDTH (RDW-CV) ITOMATED HEMATOLOGY ANALYZER ITION WIDTH (RDW-SD) ITOMATED HEMATOLOGY ANALYZER		ELLNESS PANEL: 1.C OOD COUNT (CBC) gm/dL Millions/ % fL Pg g/dL % fL RATIO RATIO	cmm 3	12.0 - 17.0 3.50 - 5.00 40.0 - 54.0 30.0 - 100.0 27.0 - 34.0 32.0 - 36.0 11.00 - 16.00 35.0 - 56.0 BETA THALASSEMIA TRAIT: < 13.0 BETA THALASSEMIA TRAIT: <= 3.0 BETA THALASSEMIA TRAIT: <
,	COUNT (TLC) by sf cube & microscopy LOOD CELLS (nRBCS)	5860 NIL	/cmm		4000 - 11000 0.00 - 20.00
NUCLEATED RED BI	t hematology analyzer LOOD CELLS (nRBCS) % Itomated hematology analyzer	NIL	%		< 10 %





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



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		
AGE/ GENDER	: 28 YRS/MALE	PATIENT ID	: 861649
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT	2	
Tost Namo	Value	Unit	Biological Reference interval

Test Name	Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	53	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	38	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	3	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	6	%	2 - 12
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	%	0 - 1
IMMATURE GRANULOCTE (IG) % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	%	0 - 5.0
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	3106	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2227	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	176	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	352	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
ABSOLUTE IMMATURE GRANULOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0.0 - 999.0
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	134000 ^L	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.19	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	14 ^H	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by hydro dynamic focusing, electrical impedence	71000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by hydro dynamic focusing, electrical impedence	53.2 ^H	%	11.0 - 45.0



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Test Name	Value	Unit	Biological Reference interval

PLATELET DISTRIBUTION WIDTH (PDW) 16.7 % 15.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED.

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		y & Microbiology) Consultant Pathologist	Dr. Yugam C MD (Pat CEO & Consultant Pat	hology)
AME	: Mr. ASHISH			
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LIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT		
<i>by RED CELL AGGRE</i> ITERPRETATION: ESR is a non-specifinmune disease, but An ESR can be affe	DIMENTATION RATE (ESR) GATION BY CAPILLARY PHOTOM fic test because an elevated re does not tell the health pract octed by other conditions besi	ETRY esult often indicates the pre itioner exactly where the in	mm/1st hr sence of inflammation a flammation is in the bo	0 - 20 associated with infection, cancer and auto
RYTHROCYTE SE by RED CELL AGGRE ITERPRETATION: ESR is a non-speci- nmune disease, but An ESR can be affe c-reactive protein This test may also stemic lupus eryth DNDITION WITH LO Iow ESR can be see olycythaemia). sign	DIMENTATION RATE (ESR) GATION BY CAPILLARY PHOTOM fic test because an elevated re does not tell the health pract acted by other conditions besi be used to monitor disease a ematosus W ESR n with conditions that inhibit	HROCYTE SEDIMENT 6 ETRY esult often indicates the pre itioner exactly where the in des inflammation. For this r ctivity and response to ther the normal sedimentation l count (leucocytosis), and	ATION RATE (ESP mm/1st hr sence of inflammation a flammation is in the bo eason, the ESR is typica apy in both of the abov of red blood cells, such	C) 0 - 20 associated with infection, cancer and auto dy or what is causing it.





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	MD (Patho	y Chopra logy & Microbiology) & Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. ASHISH			
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CLIENT ADDRESS	: 6349/1, NICHOLSON R	OAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CL	INICAL CHEMIST	RY/BIOCHEMIST	'nY
		GLUCOSE F.	ASTING (F)	
	(F): PLASMA	99.53	mg/dL	NORMAL: < 100.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

A fasting plasma glucose level below 100 mg/dl is considered normal.
 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.

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





		Chopra y & Microbiology) consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROFIL	E : BASIC	
CHOLESTEROL TO	TAL: SERUM	212.17 ^H	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX		212.17	ing, di	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM PHATE OXIDASE (ENZYMATIC)	77.99	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
		07.05	. / 11	VERY HIGH: $> OR = 500.0$
HDL CHOLES I EKO. by SELECTIVE INHIBIT	L (DIRECT): SERUM	67.25	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI by CALCULATED, SPE		129.32	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 12 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0
NON HDL CHOLEST by calculated, spe		144.92 ^H	mg/dL	VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 15 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTER(15.6	mg/dL	VERY HIGH: > OR = 220.0 0.00 - 45.00
TOTAL LIPIDS: SER by CALCULATED, SPE	CUM	502.33	mg/dL	350.00 - 700.00
CHOLESTEROL/HD by CALCULATED, SPE		3.15	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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NAME	: Mr. ASHISH			
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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		1.92	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE		1.16 ^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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Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist : Mr. ASHISH

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

Test Name	Value	Unit	Biological Reference interval
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NAME	: Mr. ASHISH		

LIVER	FUNCTION TEST (CO)	MPLETE)	
BILIRUBIN TOTAL: SERUM by diazotization, spectrophotometry	0.62	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.16	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.46	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	31.7	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	39.8	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by Calculated, spectrophotometry	0.8	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	93.85	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	56.44 ^H	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	7.36	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.25	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	3.11	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.37	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:

> 2
> 2 (Highly Suggestive)
1.4 - 2.0
> 1.5
> 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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:15/Feb/202512:18PM

10.00 - 50.00

Biological Reference interval

CEO & Consultant Pathologist

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Test Name		Value	Unit	
	KIDNI	EY FUNCTION 7	FEST (COMPLETE)	
UREA: SERUM	IATE DEHYDROGENASE (GLDH)	35.91	mg/dL	
CREATININE: SERU	JM	1.14	mg/dL	
BLOOD UREA NITE by CALCULATED, SPE	COGEN (BUN): SERUM	16.78	mg/dL	
RATIO: SERUM	ROGEN (BUN)/CREATININE	14.72	RATIO	
by CALCULATED, SPE UREA/CREATININ by CALCULATED, SPE	E RATIO: SERUM	31.5	RATIO	
UDIC ACID. CEDUM		4.05		

CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOMETERY	1.14	mg/dL	0.40 - 1.40
BLOOD UREA NITROGEN (BUN): SERUM by CALCULATED, SPECTROPHOTOMETRY	16.78	mg/dL	7.0 - 25.0
BLOOD UREA NITROGEN (BUN)/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	14.72	RATIO	10.0 - 20.0
UREA/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	31.5	RATIO	
URIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE	4.35	mg/dL	3.60 - 7.70
CALCIUM: SERUM by ARSENAZO III, SPECTROPHOTOMETRY	9.02	mg/dL	8.50 - 10.60
PHOSPHOROUS: SERUM by PHOSPHOMOLYBDATE, SPECTROPHOTOMETRY	2.98	mg/dL	2.30 - 4.70
ELECTROLYTES			
SODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	138.3	mmol/L	135.0 - 150.0
POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	4.02	mmol/L	3.50 - 5.00
CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)	103.73	mmol/L	90.0 - 110.0
ESTIMATED GLOMERULAR FILTERATION RATE			
ESTIMATED GLOMERULAR FILTERATION RATE	89.8		

ESTIMATED GLOMERULAR FILTERATION RATE (eGFR): SERUM

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





0 9001 : 2008 CERT	IFIED LAB			E & DIAGNOSTICS	
		Chopra gy & Microbiology) Consultant Pathologist	Dr. Yugar MD CEO & Consultan	(Pathology)	
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	·			:012502150019	0.434
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Test Name		Value	Unit	Biological	l Reference interval
 Repeated dialysis Inherited hyperam SIADH (syndrome of 8. Pregnancy. 	e. creased urea synthesis. urea rather than creatinine monemias (urea is virtually of inappropiate antidiuretic h	absent in blood).			
 Phenacimide thera Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO 		of creatine to creatinine).		anios resulting in perme	stratio when debudration
 Phenacimide thera Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin their 	py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes fals creased BUN/creatinine rati apy (interferes with creatini	of creatine to creatinine). se increase in creatinine v o).		ogies,resulting in norma	al ratio when dehydration
 Phenacimide thera Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin the ESTIMATED GLOMERI 	py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes fals creased BUN/creatinine rati apy (interferes with creatini JLAR FILTERATION RATE :	of creatine to creatinine). se increase in creatinine v o). ne measurement).	vith certain methodol		I ratio when dehydration
 Phenacimide thera Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin the 	py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes fals creased BUN/creatinine rati apy (interferes with creatini	of creatine to creatinine). se increase in creatinine v o). ne measurement). DN GFR (mL/n	vith certain methodol	ogies,resulting in norma SOCIATED FINDINGS No proteinuria	al ratio when dehydration
1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERI CKD STAGE	py (accelerates conversion of eleases muscle creatinine). who develop renal failure. sis (acetoacetate causes fais creased BUN/creatinine rati apy (interferes with creatini JLAR FILTERATION RATE: DESCRIPTION Normal kidney Kidney damag	of creatine to creatinine). se increase in creatinine v o). ne measurement). DN GFR (mL/n Function > e with >	vith certain methodol nin/1.73m2) AS 90 P	SOCIATED FINDINGS No proteinuria resence of Protein ,	al ratio when dehydration
1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERI CKD STAGE G1 G2	py (accelerates conversion of eleases muscle creatinine). who develop renal failure. sis (acetoacetate causes fais creased BUN/creatinine rati apy (interferes with creatini JLAR FILTERATION RATE: DESCRIPTION Normal kidney Kidney damag normal or hig	of creatine to creatinine). se increase in creatinine v o). ne measurement). DN GFR (mL/n Function > h GFR	vith certain methodol nin/1.73m2) AS 90 P 90 Alb	SOCIATED FINDINGS	al ratio when dehydration
1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin thei ESTIMATED GLOMERI CKD STAGE G1	py (accelerates conversion of eleases muscle creatinine). who develop renal failure. sis (acetoacetate causes fais creased BUN/creatinine rati apy (interferes with creatini JLAR FILTERATION RATE: DESCRIPTION Normal kidney Kidney damag	of creatine to creatinine). se increase in creatinine v o). ne measurement). DN GFR (mL/n function > e with > h GFR 60 in GFR 60	vith certain methodol nin/1.73m2) AS 90 P	SOCIATED FINDINGS No proteinuria resence of Protein ,	al ratio when dehydration
1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIC 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERI CKD STAGE G1 G2 G3a	py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes fais creased BUN/creatinine rati apy (interferes with creatini JLAR FILTERATION RATE: DESCRIPTI Normal kidney Kidney damag normal or hig Mild decrease	of creatine to creatinine). se increase in creatinine v o). ne measurement). DN GFR (mL/n se with > h GFR > in GFR 60 se in GFR 30 e in GFR 15	vith certain methodol nin/1.73m2) AS 90 P 90 P Alt -89	SOCIATED FINDINGS No proteinuria resence of Protein ,	I ratio when dehydration





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









	Dr. Vinay Chopra MD (Pathology & Microb Chairman & Consultant F	iology) ME	m Chopra D (Pathology) ht Pathologist
NAME	: Mr. ASHISH		
AGE/ GENDER	: 28 YRS/MALE	PATIENT ID	: 861649
COLLECTED BY	:	REG. NO./LAB NO.	: 012502150019
REFERRED BY	:	REGISTRATION DATE	: 15/Feb/2025 10:42 AM
BARCODE NO.	: 01525547	COLLECTION DATE	: 15/Feb/2025 10:46AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 15/Feb/2025 12:18PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAL	A CANTT	
Test Name	V	alue 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



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MBBS, MD (PATHOLOGY)

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	& Microbiology)	Dr. Yugam MD O & Consultant	(Pathology)
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CLIENT CODE. : KOS DIAGNOSTIC LAB	REPORTIN	IG DATE	: 15/Feb/2025 11:27AM
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD), AMBALA CANTT		
Test Name	Value	Unit	Biological Reference interval
	CLINICAL PATHO OUTINE & MICROSCOP		ATION
PHYSICAL EXAMINATION	10		
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	10	ml	
COLOUR	PALE YELLOW		PALE YELLOW
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	1.02		1.002 - 1.030
CHEMICAL EXAMINATION			
REACTION by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	ACIDIC		
PROTEIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	6		5.0 - 7.5
BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY MICROSCOPIC EXAMINATION	NEGATIVE (-ve)		NEGATIVE (-ve)
RED BLOOD CELLS (RBCs)	NEGATIVE (-ve)	/HPF	0 - 3

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DR.YUGAM CHOPRA

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

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Test Name	Value	Unit	Biological Reference interval
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	0 - 5
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	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	ABSENT		ABSENT

** End Of Report ***



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