

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	<b>Dr. Vinay Chopra</b> MD (Pathology & Microb Chairman & Consultant F		Dr. Yugam MD (I CEO & Consultant F	Pathology)
NAME : Mr.	SUNIL			
AGE/ GENDER : 43 Y	RS/MALE	PAT	IENT ID	: 1710572
COLLECTED BY :		REG	. NO./LAB NO.	: 012412280004
<b>REFERRED BY</b> :		REG	ISTRATION DATE	: 28/Dec/2024 08:58 AM
<b>BARCODE NO.</b> : 0152			LECTION DATE	: 28/Dec/2024 08:59AM
	DIAGNOSTIC LAB		ORTING DATE	: 28/Dec/2024 09:56AM
CLIENT ADDRESS : 6349	9/1, NICHOLSON ROAD, AMBAL	A CAN I I		
Test Name	V	alue	Unit	<b>Biological Reference interval</b>
			ESS PANEL: 1.0 COUNT (CBC)	
<b>RED BLOOD CELLS (RBCS</b>	5) COUNT AND INDICES			
HAEMOGLOBIN (HB)	1	4.8	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (RBC) C by HYDRO DYNAMIC FOCUSING		1.99 <sup>H</sup>	Millions/c	mm 3.50 - 5.00
PACKED CELL VOLUME (P by CALCULATED BY AUTOMAT	CV) 4	6.4	%	40.0 - 54.0
MEAN CORPUSCULAR VOL by CALCULATED BY AUTOMAT		03	fL	80.0 - 100.0
MEAN CORPUSCULAR HAI		29.7	pg	27.0 - 34.0
MEAN CORPUSCULAR HEN by CALCULATED BY AUTOMAT		81.9 <sup>L</sup>	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION by CALCULATED BY AUTOMAT		4.5	%	11.00 - 16.00
RED CELL DISTRIBUTION by CALCULATED BY AUTOMAT		50.3	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		8.64	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	2	27.06	RATIO	BETA THALASSEMIA TRAIT:< 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS (W	<u>BCS)</u>			
TOTAL LEUCOCYTE COUN by FLOW CYTOMETRY BY SF C		490	/cmm	4000 - 11000
NUCLEATED RED BLOOD		JIL		0.00 - 20.00
NUCLEATED RED BLOOD	$\mathbf{CELLC} (\mathbf{m} \mathbf{D} \mathbf{D} \mathbf{C} \mathbf{C}) 0/ \mathbf{N}$	JIL	%	< 10 %





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: Mr. SUNIL

NAME

AGE/ GENDER





Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist Dr. Yugam Chopra CEO & Consultant Pathologist : 43 YRS/MALE **PATIENT ID** 

:1710572

MD (Pathology)

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
<b>DIFFERENTIAL LE</b>	UCOCYTE COUNT (DLC)			
NEUTROPHILS	Y BY SF CUBE & MICROSCOPY	39 <sup>L</sup>	%	50 - 70
LYMPHOCYTES	Y BY SF CUBE & MICROSCOPY	29	%	20 - 40
EOSINOPHILS	Y BY SF CUBE & MICROSCOPY	26 <sup>H</sup>	%	1 - 6
MONOCYTES	Y BY SF CUBE & MICROSCOPY	6	%	2 - 12
BASOPHILS	Y BY SF CUBE & MICROSCOPY	0	%	0 - 1
•	CYTES (WBC) COUNT			
ABSOLUTE NEUTR	OPHIL COUNT y by sf cube & microscopy	2921	/cmm	2000 - 7500
ABSOLUTE LYMPH		2172	/cmm	800 - 4900
ABSOLUTE EOSINC	PHIL COUNT y by sf cube & microscopy	1947 <sup>H</sup>	/cmm	40 - 440
ABSOLUTE MONOC	YTE COUNT y by sf cube & microscopy	449	/cmm	80 - 880
ABSOLUTE BASOPI	HIL COUNT y by sf cube & microscopy	0	/cmm	0 - 110
	URE GRANULOCYTE COUNT y by sf cube & microscopy	0	/cmm	0.0 - 999.0
PLATELETS AND C	OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT by hydro dynamic f	(PLT) OCUSING, ELECTRICAL IMPEDENCE	164000	/cmm	150000 - 450000
PLATELETCRIT (PC by hydro dynamic f	CT) FOCUSING, ELECTRICAL IMPEDENCE	0.22	%	0.10 - 0.36
MEAN PLATELET V by hydro dynamic f	OLUME (MPV) FOCUSING, ELECTRICAL IMPEDENCE	13 <sup>H</sup>	fL	6.50 - 12.0
	CELL COUNT (P-LCC) FOCUSING, ELECTRICAL IMPEDENCE	81000	/cmm	30000 - 90000
	CELL RATIO (P-LCR) FOCUSING, ELECTRICAL IMPEDENCE	49.7 <sup>H</sup>	%	11.0 - 45.0
	BUTION WIDTH (PDW) FOCUSING, ELECTRICAL IMPEDENCE	16.4	%	15.0 - 17.0



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Test Name	Value	Unit	Biological Reference interval

ADVICE

**KINDLY CORRELATE CLINICALLY** 

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED.



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LIENT ADDRESS	: 6349/1, NICHOLSON R	DAD, AMBALA CANTT			
'est Name		Value	Unit	Biological Reference interval	
bolycythaemia), sigr s sickle cells in sickl IOTE: . ESR and C - reactiv . Generally, ESR doe . CRP is not affected . If the ESR is elevat . Women tend to ha . Drugs such as dext	hificantly high white blood of e cell anaemia) also lower es protein (C-RP) are both m es not change as rapidly as of by as many other factors as ed, it is typically a result of ive a higher ESR, and mensti	cell count (leucocytosis the ESR. arkers of inflammation loes CRP, either at the <b>s is ESR, making it a bet</b> two types of proteins, uation and pregnancy	<ul> <li>and some protein abno</li> <li>start of inflammation or at ter marker of inflammation globulins or fibrinogen.</li> <li>can cause temporary eleva</li> </ul>	n.	





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Test Name		Value	Unit	<b>Biological Reference interval</b>
	CLIN	ICAL CHEMISTRY	/BIOCHEMIST	RY
		GLUCOSE FAS	ΓING (F)	

KOS Diagnostic Lab (A Unit of KOS Healthcare)

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





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Test Name		Value	Unit	Biological Reference interval
		LIPID PROFIL	E : BASIC	
CHOLESTEROL TOT	TAL: SERUM	198.3	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX	IDASE PAP		0	BORDERLINE HIGH: 200.0 -
				239.0 HIGH CHOLESTEROL: > OR =
				240.0
TRIGLYCERIDES: SI	ERUM HATE OXIDASE (ENZYMATIC)	273.14 <sup>H</sup>	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 -
by deroentier moor				199.0
				HIGH: 200.0 - 499.0
HDL CHOLFSTFROI	L (DIRECT): SERUM	46	mg/dL	VERY HIGH: > OR = 500.0 LOW HDL: < 30.0
by SELECTIVE INHIBITI		40 111g/ uL	ilig/ uL	BORDERLINE HIGH HDL: 30.0
				60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI	.: SERUM	97.67	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPE		0.101		ABOVE OPTIMAL: 100.0 - 129.
				BORDERLINE HIGH: 130.0 - 159.0
				HIGH: 160.0 - 189.0
			( )	VERY HIGH: $> OR = 190.0$
NON HDL CHOLEST by CALCULATED, SPE		152.3 <sup>H</sup>	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.
				BORDERLINE HIGH: 160.0 -
				189.0 HIGH: 190.0 - 219.0
				VERY HIGH: > OR = 220.0
VLDL CHOLESTERC		54.63 <sup>H</sup>	mg/dL	0.00 - 45.00
by CALCULATED, SPE TOTAL LIPIDS: SER		669.74	mg/dL	350.00 - 700.00
by CALCULATED, SPE	CTROPHOTOMETRY			
CHOLESTEROL/HD by CALCULATED, SPE		4.31	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		2.12	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	5.94 <sup>H</sup>	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 Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. SUNIL AGE/ GENDER : 43 YRS/MALE **PATIENT ID** :1710572 **COLLECTED BY** :012412280004 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 28/Dec/2024 08:58 AM : **BARCODE NO.** :01523102 **COLLECTION DATE** : 28/Dec/2024 08:59AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 28/Dec/2024 10:41AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** LIVER FUNCTION TEST (COMPLETE) 0.61 BILIRUBIN TOTAL: SERUM mg/dL INFANT: 0.20 - 8.00

by DIAZOTIZATION, SPECTROPHOTOMETRY	0.01	ilig/ uL	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	0.45	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	28.8	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	49	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	0.59	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	106.42	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	28.41	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.8	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.35	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.45	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.78	RATIO	1.00 - 2.00

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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## 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).

PROGNOSTIC SIGNIFICANCE:

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



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	KIDN	EY FUNCTION	TEST (COMPLETE)	
UREA: SERUM		28.52	mg/dL	10.00 - 50.00
•	MATE DEHYDROGENASE (GLDH)	1.01		0.40 1.40
CREATININE: SER by ENZYMATIC, SPEC	UM CTROPHOTOMETERY	1.01	mg/dL	0.40 - 1.40
	ROGEN (BUN): SERUM ECTROPHOTOMETRY	13.33	mg/dL	7.0 - 25.0
	ROGEN (BUN)/CREATININE	13.2	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED, SPI	ECTROPHOTOMETRY			
UREA/CREATININ		28.24	RATIO	
by CALCULATED, SPI	ECTROPHOTOMETRY I	5.13	mg/dL	3.60 - 7.70
by URICASE - OXIDAS			Ū.	
CALCIUM: SERUM	ECTROPHOTOMETRY	9.22	mg/dL	8.50 - 10.60
PHOSPHOROUS: SI		3.47	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM	VE ELECTRODE)	140.6	mmol/L	135.0 - 150.0
POTASSIUM: SERU	IM	3.9	mmol/L	3.50 - 5.00
CHLORIDE: SERUN by ISE (ION SELECTIV	Л	105.45	mmol/L	90.0 - 110.0
	MERULAR FILTERATION RATI	E		
ESTIMATED GLOM	IERULAR FILTERATION RATE	94.6		

ESTIMATED GLOMERULAR FILTERATION RATE (eGFR): SERUM by CALCULATED

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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**INTERPRETATION:** 





		<b>/inay Chopra</b> Pathology & Microbio man & Consultant Pa	ology)	Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist	
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CLIENT ADDRESS	: 6349/1, NICHOLS	UN RUAD, AMBALA	CANTI		
Test Name		Va	due Un	it Biological	l Reference interval
<b>DECREASED RATIO (&lt;</b> 1. Acute tubular necr	superimposed on ren 10:1) WITH DECREASED osis.	al disease.	n creatinine) (e.g. obstructive	e uropathy).	
DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 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	superimposed on ren 10:1) WITH DECREASED osis. Ind starvation. 2. creased urea synthesis urea rather than crea monemias (urea is vir of inappropiate antidiu 10:1) WITH INCREASED py (accelerates conve eleases muscle creatii who develop renal fail : sis (acetoacetate caus creased BUN/creatini rapy (interferes with c JLAR FILTERATION RAT DES	tionately more thar al disease. <b>DBUN :</b> s. tinine diffuses out of tually absent in blo aretic harmone) due <b>CREATININE:</b> rsion of creatine to nine). lure. ses false increase in ne ratio). reatinine measurem <b>E:</b> <b>CRIPTION</b>	of extracellular fluid). od). e to tubular secretion of urea creatinine). n creatinine with certain met nent). GFR ( mL/min/1.73m2 )	n. hodologies,resulting in norma	al ratio when dehydration
DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 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	superimposed on ren 10:1) WITH DECREASED osis. Ind starvation. e. creased urea synthesis urea rather than crea monemias (urea is vir of inappropiate antidiu 10:1) WITH INCREASED py (accelerates conve eleases muscle creatii who develop renal fai : sis (acetoacetate caus creased BUN/creatini apy (interferes with c JLAR FILTERATION RAT DES Normal k	tionately more thar al disease. <b>DBUN :</b> s. tinine diffuses out of tually absent in blo uretic harmone) due <b>CREATININE:</b> rsion of creatine to nine). lure. ses false increase in ne ratio). reatinine measurem <u>E:</u> <b>CRIPTION</b> idney function	of extracellular fluid). od). e to tubular secretion of urea creatinine). n creatinine with certain met nent). GFR (mL/min/1.73m2) >90	n. hodologies,resulting in norma ASSOCIATED FINDINGS No proteinuria	al ratio when dehydration
DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 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	superimposed on ren 10:1) WITH DECREASED osis. Ind starvation. e. creased urea synthesis urea rather than crea monemias (urea is vir of inappropiate antidiu 10:1) WITH INCREASED py (accelerates conve eleases muscle creatii who develop renal fai : sis (acetoacetate caus creased BUN/creatini apy (interferes with c JLAR FILTERATION RAT DES Normal k	tionately more thar al disease. <b>DBUN :</b> s. tinine diffuses out of tually absent in blo uretic harmone) due <b>CREATININE:</b> rsion of creatine to nine). lure. ses false increase in ne ratio). reatinine measurem <u>E:</u> <u>CRIPTION</u> idney function damage with	of extracellular fluid). od). e to tubular secretion of urea creatinine). n creatinine with certain met nent). GFR ( mL/min/1.73m2 )	hodologies,resulting in norma ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	al ratio when dehydration
DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet an 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 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	superimposed on ren 10:1) WITH DECREASED osis. Ind starvation. e. creased urea synthesis urea rather than creasing monemias (urea is vir of inappropiate antidium 10:1) WITH INCREASED py (accelerates conver- eleases muscle creating who develop renal faits is (acetoacetate causes creased BUN/creating apy (interferes with con- JLAR FILTERATION RAT DES Normal kon- Kidney of normal	tionately more thar al disease. <b>DBUN :</b> s. tinine diffuses out of tually absent in blo uretic harmone) due <b>CREATININE:</b> rsion of creatine to nine). lure. ses false increase in ne ratio). reatinine measurem <u>E:</u> <b>CRIPTION</b> idney function	of extracellular fluid). od). e to tubular secretion of urea creatinine). n creatinine with certain met nent). GFR (mL/min/1.73m2) >90	n. hodologies,resulting in norma ASSOCIATED FINDINGS No proteinuria	al ratio when dehydratior



G4

G5

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

Severe decrease in GFR

Kidney failure

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

15-29

<15

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	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbic Chairman & Consultant Pa	G, /	(Pathology)
NAME	: Mr. SUNIL		
AGE/ GENDER	: 43 YRS/MALE	PATIENT ID	: 1710572
COLLECTED BY	:	<b>REG. NO./LAB NO.</b>	: 012412280004
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 28/Dec/2024 08:58 AM
BARCODE NO.	: 01523102	<b>COLLECTION DATE</b>	: 28/Dec/2024 08:59AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 28/Dec/2024 10:41AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA	CANTT	
Test Name	Va	lue 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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: Mr. SUNIL

NAME

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



ab are) Excellence in Healthcare & Diagnostics			
Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist			
TIENT ID       : 1710572         G. NO./LAB NO.       : 01241228000         GISTRATION DATE       : 28/Dec/2024 00			
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PATHO		
		UTINE & MICROSCO	PIC EXAMIN	ATION
PHYSICAL EXAMI				
QUANTITY RECIEV	ED	10	ml	
COLOUR		PALE YELLOW		PALE YELLOW
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
	TANCE SPECTROPHOTOMETRY	ULEAR		CLEAR
SPECIFIC GRAVITY		>=1.030		1.002 - 1.030
CHEMICAL EXAMI	CTANCE SPECTROPHOTOMETRY			
REACTION		ACIDIC		
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY			
PROTEIN by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	<=5.0		5.0 - 7.5
1	TANCE SPECTROPHOTOMETRY	<=3.0		5.0 - 7.5
BILIRUBIN		Negative		NEGATIVE (-ve)
NITRITE	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY.			
UROBILINOGEN	CTANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	Nogativo		NECATIVE (wa)
	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID		NEGATIVE (-ve)		NEGATIVE (-ve)
MICROSCOPIC EX	CTANCE SPECTROPHOTOMETRY AMINATION			
RED BLOOD CELLS		NEGATIVE (-ve)	/HPF	0 - 3



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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	2-3	/HPF	0 - 5
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
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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