



	<b>Dr. Vinay Chopra</b> MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)
NAME	: Mr. MANISH			
AGE/ GENDER	: 42 YRS/MALE		PATIENT ID	: 1771962
COLLECTED BY	:		REG. NO./LAB NO.	: 012502270015
REFERRED BY	:		REGISTRATION DATE	: 27/Feb/2025 09:29 AM
BARCODE NO.	: 01526189		COLLECTION DATE	: 27/Feb/2025 09:31AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB/		REPORTING DATE	: 27/Feb/2025 10:52AM
Test Name		Value	Unit	Biological Reference interva
	SWAST	HYA WE	LLNESS PANEL: 1.0	)
	COMP	LETE BLO	DOD COUNT (CBC)	
RED BLOOD CELLS	S (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (H	B)	15.7	gm/dL	12.0 - 17.0
RED BLOOD CELL (	(RBC) COUNT	5.6 <sup>H</sup>	Millions/	7 cmm 3.50 - 5.00
ACKED CELL VOL	UME (PCV)	47.7	%	40.0 - 54.0
MEAN CORPUSCUL	AUTOMATED HEMATOLOGY ANALYZER AR VOLUME (MCV) AUTOMATED HEMATOLOGY ANALYZER	85	fL	80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH)	28.1	pg	27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC)	33	g/dL	32.0 - 36.0
	UTION WIDTH (RDW-CV)	14.2	%	11.00 - 16.00
RED CELL DISTRIB	UTION WIDTH (RDW-SD) AUTOMATED HEMATOLOGY ANALYZER	45.6	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		15.18	RATIO	BETA THALASSEMIA TRAIT: 13.0 IRON DEFICIENCY ANEMIA:
GREEN & KING INI	DEX	21.6	RATIO	>13.0 BETA THALASSEMIA TRAIT: 65.0
				IRON DEFICIENCY ANEMIA: 65.0
<u>NHITE BLOOD CE</u>				
FOTAL LEUCOCYTE	E COUNT (TLC) Y BY SF CUBE & MICROSCOPY	4740	/cmm	4000 - 11000
	BLOOD CELLS (nRBCS)	NIL		0.00 - 20.00
NUCLEATED RED E by AUTOMATED 6 PAI	RT HEMATOLOGY ANALYZER			





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

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

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 0171-2643898, +91 99910 43898
 care@koshealthcare.com

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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	<b>Biological Reference interval</b>
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by flow cytometry by sf cube & microscopy	52	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	36	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	6	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	6	%	2 - 12
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	%	0 - 1
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2465	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1706	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by flow cytometry by sf cube & microscopy	284	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by flow cytometry by sf cube & microscopy	284	/cmm	80 - 880
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	151000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.22	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	14 <sup>H</sup>	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	85000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	56.3 <sup>H</sup>	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16	%	15.0 - 17.0



**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: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt - 133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



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LIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	: 27/Feb/2025 11:15AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD	), AMBALA CANTT		
Fest Name		Value	Unit	<b>Biological Reference interval</b>
TERPRETATION: ESR is a non-speci nmune disease, bui An ESR can be affe s C-reactive proteir This test may also vstemic lupus eryth DNDITION WITH LO	t does not tell the health practit ected by other conditions beside be used to monitor disease act ematosus WW ESR en with conditions that inhibit t	ult often indicates the p ioner exactly where the es inflammation. For thi ivity and response to th he normal sedimentatic	inflammation is in the s reason, the ESR is ty erapy in both of the a	pically used in conjunction with other test such bove diseases as well as some others, such as
polycythaemia), sig s sickle cells in sick OTE: ESR and C - reactiv Generally, ESR do CRP is not affected If the ESR is eleva Women tend to ha Drugs such as dex	le cell anaemia) also lower the ve protein (C-RP) are both marke es not change as rapidly as does <b>I by as many other factors as is E</b> ted, it is typically a result of two ave a biober FSR, and menstruat	ESR. ers of inflammation. s CRP, either at the start <b>SR, making it a better n</b> o types of proteins, glob ion and pregnancy can	nd some protein abno t of inflammation or a: <b>narker of inflammatior</b> ulins or fibrinogen.	rmalities. Some changes in red cell shape (suc s it resolves. <b>1.</b>





DR.YUGAM CHOPRA

CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	CLIN	ICAL CHEMISTR	Y/BIOCHEMIST	'nY
		GLUCOSE FA	STING (F)	
		82.2	mg/dL	NORMAL: < 100.0

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	<b>Biological Reference interval</b>
		LIPID PROF	TLE : BASIC	
CHOLESTEROL TOT	TAL: SERUM	170.77	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX			0	BORDERLINE HIGH: 200.0 -
				239.0 HIGH CHOLESTEROL: > OR =
				240.0
RIGLYCERIDES: SI		99.87	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSP	HATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 - 199.0
				HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
IDL CHOLESTEROI by SELECTIVE INHIBITI	L (DIRECT): SERUM	39.24	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0
by delective initiality				60.0
				HIGH HDL: $> OR = 60.0$
DL CHOLESTEROL by CALCULATED, SPE		111.56	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.
by CALCOLATED, ST E				BORDERLINE HIGH: 130.0 -
				159.0
				HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
ION HDL CHOLEST	EROL: SERUM	131.53 <sup>H</sup>	mg/dL	OPTIMAL: < 130.0
by CALCULATED, SPE		101.00	0	ABOVE OPTIMAL: 130.0 - 159.
				BORDERLINE HIGH: 160.0 - 189.0
				HIGH: 190.0 - 219.0
				VERY HIGH: $> OR = 220.0$
LDL CHOLESTERO		19.97	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SER		441.41	mg/dL	350.00 - 700.00
by CALCULATED, SPE				
CHOLESTEROL/HD by CALCULATED, SPE		4.35	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 PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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Test Name		Value	Unit	<b>Biological Reference interval</b>
LDL/HDL RATIO: S by Calculated, spe		2.84	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	2.55 <sup>L</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.

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
Test Name		value	Unit	Biological Reference Interval
	LIVER	FUNCTION	TEST (COMPLETE)	
BILIRUBIN TOTAL	: SERUM PECTROPHOTOMETRY	1.02	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	Г (CONJUGATED): SERUM spectrophotometry	0.19	mg/dL	0.00 - 0.40
	CCT (UNCONJUGATED): SERUM	0.83	mg/dL	0.10 - 1.00
SGOT/AST: SERUM	[ /RIDOXAL PHOSPHATE	43.7	U/L	7.00 - 45.00
SGPT/ALT: SERUM		82.1 <sup>H</sup>	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM	0.53	RATIO	0.00 - 46.00
ALKALINE PHOSPI		109.59	U/L	40.0 - 130.0
GAMMA GLUTAMY	L TRANSFERASE (GGT): SERUM PHTOMETRY	52.96	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		7.23	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.44	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	1	2.79	gm/dL	2.30 - 3.50
, , , , , , , , , , , , , , , , , , , ,			DATIO	1.00.000

Dr. Vinay Chopra

A : G RATIO: SERUM 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:**

> 2
> 2 (Highly Suggestive)
1.4 - 2.0
> 1.5
> 1.3 (Slightly Increased)

1.59



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

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RATIO

1.00 - 2.00

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		n Chopra
	MD (Pathology & Micro Chairman & Consultan : Mr. MANISH : 42 YRS/MALE : :	MD (Pathology & Microbiology) ME Chairman & Consultant Pathologist CEO & Consultant : Mr. MANISH : 42 YRS/MALE PATIENT ID : REG. NO./LAB NO. : REGISTRATION DATE

Test Name	Value	Unit	<b>Biological Reference interval</b>

## **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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CLIENT CODE. CLIENT ADDRESS		Value	Unit	<b>Biological Reference interval</b>
	KIDNI	EY FUNCTION	TEST (COMPLETE)	
UREA: SERUM		18.23	mg/dL	10.00 - 50.00
by UREASE - GLUTA	MATE DEHYDROGENASE (GLDH)			
CREATININE: SEE	RUM	0.91	mg/dL	0.40 - 1.40
	ROGEN (BUN): SERUM	8.52	mg/dL	7.0 - 25.0
by CALCULATED, SF	PECTROPHOTOMETRY			
	ROGEN (BUN)/CREATININE	9.36 <sup>L</sup>	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED, SF	PECTROPHOTOMETRY			
UREA/CREATINI	NE RATIO: SERUM	20.03	RATIO	
	PECTROPHOTOMETRY	E 95	ma /dI	260 770
URIC ACID: SERU		5.35	mg/dL	3.60 - 7.70
CALCIUM: SERUM		9.09	mg/dL	8.50 - 10.60
by ARSENAZO III, SF PHOSPHOROUS: S	PECTROPHOTOMETRY	3.09	ma/dI	2.30 - 4.70
	BDATE, SPECTROPHOTOMETRY	3.09	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM		135.2	mmol/L	135.0 - 150.0
by ISE (ION SELECT) POTASSIUM: SERI		3.94	mmol/L	3.50 - 5.00
by ISE (ION SELECT		5.94	IIIII01/ L	5.50 - 5.00
CHLORIDE: SERU		101.4	mmol/L	90.0 - 110.0
by ISE (ION SELECT)	IVE ELECTRODE) MERULAR FILTERATION RATE			
(eGFR): SERUM	MERULAR FILTERATION RATE	107.9		
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 Name		Value	Uni	it	Biolo	gical Re	ference i	nterval
<ol> <li>Reduced muscle m Certain drugs (e.g. INCREASED RATIO (&gt;2</li> <li>Postrenal azotemia</li> <li>Prerenal azotemia</li> </ol>	xia, high fever). (e.g. ureter colostomy) ass (subnormal creatinine pro tetracycline, glucocorticoids) <b>0:1) WITH ELEVATED CREATIN</b> (BUN rises disproportionatel superimposed on renal disea <b>0:1) WITH DECREASED BUN :</b>	I <b>INE LEVELS:</b> ly more than creatir	nine) (e.g. obstructive			drome, h		
<ol> <li>Reduced muscle mu</li></ol>	(e.g. ureter colostomy) ass (subnormal creatinine pro- tetracycline, glucocorticoids) <b>0:1) WITH ELEVATED CREATIN</b> (BUN rises disproportionatel superimposed on renal disea <b>0:1) WITH DECREASED BUN :</b> osis. ad starvation. b. creased urea synthesis. urea rather than creatinine d monemias (urea is virtually a of inappropiate antidiuretic has <b>0:1) WITH INCREASED CREATI</b> py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false creased BUN/creatinine ratio apy (interferes with creatinin <b>ILAR FILTERATION RATE:</b> <u>DESCRIPTIO</u> Normal kidney fu	INE LEVELS: y more than creatings se. Iffuses out of extrangle bsent in blood). armone) due to tube NINE: creatine to creating increase in creating e increase in creating measurement). N GFR (	cellular fluid). ular secretion of urea ine). nine with certain metl mL/min/1.73m2) >90	e uropathy) hodologies <b>ASSOC</b> I No	s,resulting in n IATED FINDING proteinuria	ormal rat		
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis ( Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE	(e.g. ureter colostomy) ass (subnormal creatinine pro- tetracycline, glucocorticoids) <b>0:1) WITH ELEVATED CREATIN</b> (BUN rises disproportionatel superimposed on renal disea <b>0:1) WITH DECREASED BUN :</b> osis. ad starvation. b. creased urea synthesis. urea rather than creatinine d monemias (urea is virtually a of inappropiate antidiuretic has <b>0:1) WITH INCREASED CREATI</b> py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false creased BUN/creatinine ratio apy (interferes with creatinin <b>ILAR FILTERATION RATE:</b> <u>DESCRIPTIO</u> <u>Normal kidney fu</u> Kidney damage	INE LEVELS: y more than creatings se. Iffuses out of extrangle bsent in blood). armone) due to tube NINE: creatine to creating e increase in creating armone). M GFR ( unction	cellular fluid). ular secretion of urea ine). nine with certain metl	e uropathy) hodologies ASSOCI	s,resulting in n IATED FINDING proteinuria nce of Protein	ormal rat		
A. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Prerenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis ( Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE G1 G2	(e.g. ureter colostomy) ass (subnormal creatinine pro- tetracycline, glucocorticoids) <b>0:1) WITH ELEVATED CREATIN</b> (BUN rises disproportionatel superimposed on renal disea <b>0:1) WITH DECREASED BUN :</b> osis. ad starvation. e. creased urea synthesis. urea rather than creatinine d monemias (urea is virtually a of inappropiate antidiuretic ha <b>0:1) WITH INCREASED CREATI</b> py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false creased BUN/creatinine ratio apy (interferes with creatinin ILAR FILTERATION RATE: <u>DESCRIPTIO</u> <u>Normal kidney fu</u> <u>Kidney damage</u> normal or high	INE LEVELS: y more than creating se. Iffuses out of extrangle bsent in blood). armone) due to tube NINE: creatine to creating increase in creating e increase in creating armone). M GFR ( with GFR	cellular fluid). ular secretion of urea ine). nine with certain metl mL/min/1.73m2) >90 >90	e uropathy) hodologies ASSOCI	s,resulting in n IATED FINDING proteinuria	ormal rat		
<ol> <li>Reduced muscle muscle muscle muscle muscle muscle management of the second state of the secon</li></ol>	(e.g. ureter colostomy) ass (subnormal creatinine pro- tetracycline, glucocorticoids) <b>0:1) WITH ELEVATED CREATIN</b> (BUN rises disproportionatel superimposed on renal disea <b>0:1) WITH DECREASED BUN :</b> osis. ad starvation. b. creased urea synthesis. urea rather than creatinine d monemias (urea is virtually a of inappropiate antidiuretic has <b>0:1) WITH INCREASED CREATI</b> py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false creased BUN/creatinine ratio apy (interferes with creatinin <b>ILAR FILTERATION RATE:</b> <u>DESCRIPTIO</u> <u>Normal kidney fu</u> Kidney damage	INE LEVELS: y more than creating se. Iffuses out of extrangle bsent in blood). armone) due to tube NINE: creatine to creating e increase in creating increase in creating measurement). M GFR M GFR m GFR	cellular fluid). ular secretion of urea ine). nine with certain metl mL/min/1.73m2) >90	e uropathy) hodologies ASSOCI	s,resulting in n IATED FINDING proteinuria nce of Protein	ormal rat		
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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)









	Dr. Vinay Chopra MD (Pathology & Microl Chairman & Consultant	biology) MI	m <b>Chopra</b> D (Pathology) nt Pathologist
NAME	: Mr. MANISH		
AGE/ GENDER	: 42 YRS/MALE	<b>PATIENT ID</b>	: 1771962
COLLECTED BY	:	<b>REG. NO./LAB NO.</b>	: 012502270015
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 27/Feb/2025 09:29 AM
BARCODE NO.	: 01526189	COLLECTION DATE	: 27/Feb/2025 09:31AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 27/Feb/2025 12:31PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAI	LA CANTT	
Test Name		Value Unit	Biological Reference interval

COMMENTS:

Estimated Glomerular filtration rate (eGFR) is the sum of filtration rates in all functioning nephrons and so an estimation of the GFR provides a measure of functioning nephrons of the kidney.
 eGFR calculated using the 2009 CKD-EPI creatinine equation and GFR category reported as per KDIGO guideline 2012
 In patients, with eGFR creatinine between 45-59 ml/min/1.73 m2 (G3) and without any marker of Kidney damage, It is recommended to measure of CFD with the commended to measure

3. In patients, with eGFR cleaning between 45-59 minimit 1.73 m2 (G3) and without any marker of Kidney damage, it is recommended to measure eGFR with Cystatin C for confirmation of CKD
4. eGFR category G1 OR G2 does not fulfill the criteria for CKD, in the absence of evidence of Kidney Damage
5. In a suspected case of Acute Kidney Injury (AKI), measurement of eGFR should be done after 48-96 hours of any Intervention or procedure
6. eGFR calculated by Serum Creatinine may be less accurate due to certain factors like Race, Muscle Mass, Diet, Certain Drugs. In such cases, eGFR should be calculated using Serum Cystatin C
7. A decrease in eGFR implies either progressive renal disease, or a reversible process causing decreased nephron function (eg, severe dehydration).

ADVICE:

KDIGO guideline, 2012 recommends Chronic Kidney Disease (CKD) should be classified based on cause, eGFR category and Albuminuria (ACR) category. GFR & ACR category combined together reflect risk of progression and helps Clinician to identify the individual who are progressing at more rapid rate than anticipated



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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt - 133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com







		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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	: KOS DIAGNOSTIC LAB		TING DATE	: 27/Feb/2025 11:22AM
ULIEN I ADDRESS	: 6349/1, NICHOLSON ROAI	), AMIDALA CAN I I		
Test Name		Value	Unit	<b>Biological Reference interv</b>
		CLINICAL PATH		
	IIDINE D	OUTINE & MICROSC		TION
PHYSICAL EXAMINA		OUTINE & MICKOSC		ATION
QUANTITY RECIEVEI		10	ml	
by DIP STICK/REFLECTA	NCE SPECTROPHOTOMETRY		7	
COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		AMBER YELLOW		PALE YELLOW
TRANSPARANCY	NCE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY		1.01		1.002 - 1.030
by DIP STICK/REFLECTA CHEMICAL EXAMINA	NCE SPECTROPHOTOMETRY			
REACTION		ACIDIC		
by DIP STICK/REFLECTA PROTEIN	NCE SPECTROPHOTOMETRY	Negative		NECATIVE (
by DIP STICK/REFLECTA	NCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR by DIP STICK/REFLECTA	NCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH		6		5.0 - 7.5
by DIP STICK/REFLECTA BILIRUBIN	NCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTA	NCE SPECTROPHOTOMETRY	0		
NITRITE by DIP STICK/REFLECTA	NCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN	NCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTA BLOOD	NCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTA	NCE SPECTROPHOTOMETRY			
ASCORBIC ACID by DIP STICK/REFLECTA	NCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
MICROSCOPIC EXAN				
RED BLOOD CELLS (I	RBCs)	NEGATIVE (-ve)	/HPF	0 - 3

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



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



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

rest manne		value	Unit	biological Reference Interval
Test Name		Value	Unit	Biological Reference interval
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTI		
CLIENT ADDRESS	: 6349/1. NICHOLSON ROAD.	AMDALA CANTT		
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COLLECTED BY	:	RE	G. NO./LAB NO.	: 012502270015
AGE/ GENDER	: 42 YRS/MALE	PA	FIENT ID	: 1771962
		-		

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 \*\*\*





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

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