

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	<b>Dr. Vinay Chopra</b> MD (Pathology & Micro Chairman & Consultan	crobiology) MD (Patholo		Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO.	<b>: Mr. MOHIT JAIN</b> : 42 YRS/MALE : : : 01525855		PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE	: 16811 <b>: 012502210001</b> : 21/Feb/2025 07:20 AM : 21/Feb/2025 07:20AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMBA		REPORTING DATE	: 21/Feb/2025 09:16AM
Test Name		Value	Unit	Biological Reference interval
RED BLOOD CELLS			LLNESS PANEL: 1.0 OOD COUNT (CBC)	
HAEMOGLOBIN (HE		14.9	gm/dL	12.0 - 17.0
RED BLOOD CELL (I		5.17 <sup>H</sup>	Millions/	cmm 3.50 - 5.00
PACKED CELL VOLU	DCUSING, ELECTRICAL IMPEDENCE ME (PCV) JTOMATED HEMATOLOGY ANALYZER	46.6	%	40.0 - 54.0
MEAN CORPUSCULA		90.2	fL	80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH)	28.9	pg	27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC) JTOMATED HEMATOLOGY ANALYZER	32	g/dL	32.0 - 36.0
RED CELL DISTRIBU	TION WIDTH (RDW-CV)	14.4	%	11.00 - 16.00
RED CELL DISTRIBU	TION WIDTH (RDW-SD)	48.9	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		17.45	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING IND by calculated WHITE BLOOD CEI		25.19	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
TOTAL LEUCOCYTE	COUNT (TLC)	7530	/cmm	4000 - 11000
		NIL		0.00 - 20.00
by FLOW CYTOMETRY	LOOD CELLS (nRBCS) T HEMATOLOGY ANALYZER	INIL		





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NAME



:16811

:012502210001

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**Biological Reference interval** 

Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Mr. MOHIT JAIN **PATIENT ID** AGE/ GENDER : 42 YRS/MALE **COLLECTED BY** REG. NO./LAB NO. : **REFERRED BY REGISTRATION DATE** : **BARCODE NO.** :01525855 **COLLECTION DATE CLIENT CODE.** : KOS DIAGNOSTIC LAB **REPORTING DATE CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit

			0
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by flow cytometry by sf cube & microscopy	53	%	50 - 70
LYMPHOCYTES by flow cytometry by SF cube & microscopy	35	%	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	3991	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by flow cytometry by sf cube & microscopy	2636	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by flow cytometry by sf cube & microscopy	452 <sup>H</sup>	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by flow cytometry by sf cube & microscopy	452	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by flow cytometry by sf cube & microscopy	0	/cmm	0 - 110
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	255000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.27	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	10	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	76000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	29.7	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	15.9	%	15.0 - 17.0



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Test Name	Value	e Unit	Biological Reference interval





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LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
est Name		Value	Unit	Biological Reference interval
s C-reactive protein . This test may also ystemic lupus erythe ONDITION WITH LO	be used to monitor disease activity ematosus	and response to the	, , , , , , , , , , , , , , , , , , ,	picallý used in conjunction with other test such bove diseases as well as some others, such as





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CLIENT ADDRESS	: 6349/1, NICHOLSON	N ROAD, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		CLINICAL CHEMISTRY	//BIOCHEMIST	RY
		GLUCOSE FAS	STING (F)	
	G (F): PLASMA	<b>100.44<sup>H</sup></b>	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

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. 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 ROA			
Test Name		Value	Unit	<b>Biological Reference interval</b>
		LIPID PROF	ILE : BASIC	
CHOLESTEROL TO by CHOLESTEROL OX		164.31	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR =
TRIGLYCERIDES: S by GLYCEROL PHOSF	ERUM PHATE OXIDASE (ENZYMATIC)	107.39	mg/dL	240.0 OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
HDL CHOLESTERO	L (DIRECT): SERUM	44.81	mg/dL	VERY HIGH: > OR = 500.0 LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI by CALCULATED, SPE		98.02	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129. BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0
NON HDL CHOLEST by CALCULATED, SPE		119.5	mg/dL	VERY HIGH: > OR = 190.0 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 CHOLESTER( by CALCULATED, SPE		21.48	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SER	CUM	436.01	mg/dL	350.00 - 700.00
CHOLESTEROL/HD	DL RATIO: SERUM	3.67	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	<b>Biological Reference interval</b>
LDL/HDL RATIO: S by CALCULATED, SPE		2.19	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
	IDL RATIO: SERUM	2.4 <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.

 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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Test Name		Value	Unit	Biological Reference interval
	LIVER	FUNCTION T	EST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SI	: SERUM PECTROPHOTOMETRY	0.79	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	C (CONJUGATED): SERUM	0.17	mg/dL	0.00 - 0.40
	CT (UNCONJUGATED): SERUM	0.62	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	[ /RIDOXAL PHOSPHATE	22.3	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	[ /RIDOXAL PHOSPHATE	33.6	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE	ERUM ECTROPHOTOMETRY	0.66	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN	HATASE: SERUM yl phosphatase by amino methyl	88.13	U/L	40.0 - 130.0

by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL			
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	20.74	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.52	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.16	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.36	gm/dL	2.30 - 3.50
A : G RATIO: SERUM	1.76	RATIO	1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

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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INTERPRETATION





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	Dr. Vinay Cl	nopra	Dr. Yugarr	n Chopra

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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	KIDNE	Y FUNCTIO	ON TEST (COMPLETE)		
UREA: SERUM		26.24	mg/dL	10.00 - 50.00	
by UREASE - GLUTAN	ATE DEHYDROGENASE (GLDH)	1.1	C		
	CREATININE: SERUM		mg/dL	0.40 - 1.40	
	by ENZYMATIC, SPECTROPHOTOMETERY BLOOD UREA NITROGEN (BUN): SERUM		mg/dL	7.0 - 25.0	
•	by CALCULATED, SPECTROPHOTOMETRY			10.0 00.0	
RATIO: SERUM	ROGEN (BUN)/CREATININE	11.15	RATIO	10.0 - 20.0	
by CALCULATED, SPE					
UREA/CREATININ by CALCULATED, SPE		23.85	RATIO		
URIC ACID: SERUM		5.35	mg/dL	3.60 - 7.70	
by URICASE - OXIDAS	SE PEROXIDASE	0.2	m a /dI	8 50 10 00	
CALCIUM: SERUM by ARSENAZO III, SPE	ECTROPHOTOMETRY	9.3	mg/dL	8.50 - 10.60	
PHOSPHOROUS: SH		2.73	mg/dL	2.30 - 4.70	
ELECTROLYTES	DATE, SPECTROPHOTOMETRY				
SODIUM: SERUM		140.6	mmol/L	135.0 - 150.0	
by ISE (ION SELECTIV					
POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)		4.26	mmol/L	3.50 - 5.00	
CHLORIDE: SERUM		105.45	mmol/L	90.0 - 110.0	
by ISE (ION SELECTIV					
	<b><u>MERULAR FILTERATION RATE</u></b>	86			
ESTIMATED GLOM (eGFR): SERUM	ESTIMATED GLOMERULAR FILTERATION RATE				
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 ADDRESS	: 6349/1, NI	CHOLSON ROAD, AM	3ALA CANTT					
Test Name			Value	Un	uit	Biolog	gical Refer	ence interv
9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necr	kia, high fever) (e.g. ureter co ass (subnorma tetracycline, g <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>D:1) WITH DEC</b> psis.	I. Iostomy) I creatinine productic lucocorticoids) <b>/ATED CREATININE LEV</b> proportionately more on renal disease.	n) /ELS:				drome, high	protein diet,
burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. <b>INCREASED RATIO (&gt;2</b> 1. Postrenal azotemia 2. Prerenal azotemia <b>DECREASED RATIO (&lt;1</b> 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. <b>DECREASED RATIO (&lt;1</b> 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients <b>INAPPROPIATE RATIO</b> 1. Diabetic ketoacido should produce an in	kia, high fever) (e.g. ureter co ass (subnorma tetracycline, g <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>0:1) WITH DEC</b> osis. d starvation. creased urea s urea rather th nonemias (ure f inappropiate <b>0:1) WITH INCI</b> oy (accelerates eleases muscle who develop r sis (acetoaceta sreased BUN/co apy (interferes LAR FILTERATI	I. Iostomy) I creatinine productio Iucocorticoids) <b>/ATED CREATININE LEV</b> proportionately more on renal disease. <b>REASED BUN :</b> ynthesis. an creatinine diffuses ea is virtually absent i antidiuretic harmone <b>REASED CREATININE:</b> s conversion of creating e creatinine). enal failure. Atte causes false increating creatinine ratio). with creatinine mease <b>DESCRIPTION</b> prmal kidney function Kidney damage with	n) /ELS: than creatinin out of extrace n blood). ) due to tubula ne to creatinin se in creatinin urement).	ne) (e.g. obstructive ellular fluid). ar secretion of urea e).	e uropath <u>y</u> a. hodologie ASSO N Preso	y). es,resulting in no <u>CIATED FINDING</u> o proteinuria ence of Protein ,	ormal ratio v	
burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. <b>NCREASED RATIO (&gt;2</b> 1. Postrenal azotemia <b>DECREASED RATIO (</b> >1 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. <b>DECREASED RATIO (</b> <1 1. Phenacimide thera 2. Rhabdomyolysis (ro 8. Muscular patients <b>NAPPROPIATE RATIO</b> 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther <b>ESTIMATED GLOMERL</b> <b>G1</b> <b>G2</b>	kia, high fever) (e.g. ureter co ass (subnorma tetracycline, g <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>D:1) WITH DEC</b> osis. d starvation. creased urea s urea rather th nonemias (ure f inappropiate <b>D:1) WITH INCI</b> oy (accelerate: eleases muscle who develop r sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATI	I. Iostomy) I creatinine productio Iucocorticoids) <b>/ATED CREATININE LEV</b> proportionately more on renal disease. <b>REASED BUN :</b> ynthesis. an creatinine diffuses ea is virtually absent i antidiuretic harmone <b>REASED CREATININE:</b> s conversion of creating e creatinine). enal failure. Atte causes false increating creatinine ratio). with creatinine meases <b>ON RATE:</b> <b>DESCRIPTION</b> prmal kidney function Kidney damage with normal or high GFR	n) /ELS: than creatinin out of extrace n blood). ) due to tubula ne to creatinin se in creatinin urement).	he) (e.g. obstructive ellular fluid). ar secretion of urea e). he with certain met L/min/1.73m2 ) >90 >90	e uropath <u>y</u> a. hodologie ASSO N Preso	y). es,resulting in no CIATED FINDING o proteinuria	ormal ratio v	
ourns, surgery, cache 7. Urine reabsorption 3. Reduced muscle m 4. Certain drugs (e.g. <b>NCREASED RATIO (&gt;2</b> 1. Postrenal azotemia <b>DECREASED RATIO (</b> <1 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. <b>DECREASED RATIO (</b> <1 1. Phenacimide thera 2. Rhabdomyolysis (ro 3. Muscular patients <b>NAPPROPIATE RATIO</b> 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther <b>ESTIMATED GLOMERL</b> G1 G2 G3 G3a	kia, high fever) (e.g. ureter co ass (subnorma tetracycline, g <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>D:1) WITH DEC</b> osis. d starvation. creased urea s urea rather th nonemias (ure f inappropiate <b>D:1) WITH INCI</b> oy (accelerates eleases muscle who develop r sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATI	I. Iostomy) I creatinine productio Iucocorticoids) <b>/ATED CREATININE LEV</b> proportionately more on renal disease. <b>REASED BUN :</b> ynthesis. an creatinine diffuses ea is virtually absent i antidiuretic harmone <b>REASED CREATININE:</b> s conversion of creating creatinine). enal failure. Atte causes false increating creatinine ratio). with creatinine mease <u>ON RATE:</u> <u>DESCRIPTION</u> ormal kidney function (idney damage with normal or high GFR_ <u>/</u> ild decrease in GFR_	n) /ELS: than creatinin out of extrace n blood). ) due to tubula ne to creatinin urement). GFR ( m	ellular fluid). ar secretion of urea e). he with certain met L/min/1.73m2 ) >90 >90 60 -89	e uropath <u>y</u> a. hodologie ASSO N Preso	y). es,resulting in no <u>CIATED FINDING</u> o proteinuria ence of Protein ,	ormal ratio v	
burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. 11. Postrenal azotemia 12. Prerenal azotemia 13. Acute tubular necr 14. Acute tubular necr 15. Low protein diet ar 16. Other causes of de 16. Repeated dialysis ( 16. Inherited hyperam 17. SIADH (syndrome of 18. Pregnancy. 19. Pregnancy. 10. Phenacimide thera 10. Phenacimide thera 11. Phenacimide thera 12. Rhabdomyolysis (ru 13. Muscular patients 14. Diabetic ketoacido 15. Diabetic ketoacido 16. Diabetic ketoacido 16. Diabetic ketoacido 17. CKD STAGE 17. G1 17. G2	kia, high fever) (e.g. ureter co ass (subnorma tetracycline, g <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>D:1) WITH DEC</b> osis. d starvation. creased urea s urea rather th nonemias (urea f inappropiate <b>D:1) WITH INCI</b> oy (accelerates eleases muscle who develop r sis (acetoaceta reased BUN/c apy (interferes LAR FILTERATI	I. Iostomy) I creatinine productio Iucocorticoids) <b>/ATED CREATININE LEV</b> proportionately more on renal disease. <b>REASED BUN :</b> ynthesis. an creatinine diffuses ea is virtually absent i antidiuretic harmone <b>REASED CREATININE:</b> s conversion of creating e creatinine). enal failure. Atte causes false increating creatinine ratio). with creatinine meases <b>ON RATE:</b> <b>DESCRIPTION</b> prmal kidney function Kidney damage with normal or high GFR	n) /ELS: than creatinin out of extrace n blood). ) due to tubula ne to creatinin urement). GFR ( m	he) (e.g. obstructive ellular fluid). ar secretion of urea e). he with certain met L/min/1.73m2 ) >90 >90	e uropath <u>y</u> a. hodologie ASSO N Preso	y). es,resulting in no <u>CIATED FINDING</u> o proteinuria ence of Protein ,	ormal ratio v	





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









Test Name		Value Unit	Biological Reference interval
CLIENT ADDRESS	: 6349/1. NICHOLSON ROAD. AMB	ALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 21/Feb/2025 12:17PM
BARCODE NO.	: 01525855	COLLECTION DATE	: 21/Feb/2025 07:20AM
REFERRED BY	:	<b>REGISTRATION DATE</b>	: 21/Feb/2025 07:20 AM
COLLECTED BY	:	<b>REG. NO./LAB NO.</b>	: 012502210001
AGE/ GENDER	: 42 YRS/MALE	PATIENT ID	: 16811
NAME	: Mr. MOHIT JAIN		
	MD (Pathology & Mic Chairman & Consulta	robiology) MI	D (Pathology)
	Dr. Vinay Chopr	ra I Dr. Yuga	m 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



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

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	<b>Dr. Vinay Ch</b> MD (Pathology & Chairman & Con		Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. MOHIT JAIN			
AGE/ GENDER	: 42 YRS/MALE	РА	TIENT ID	: 16811
COLLECTED BY	:	RE	G. NO./LAB NO.	: 012502210001
<b>REFERRED BY</b>	:		GISTRATION DATE	: 21/Feb/2025 07:20 AM
BARCODE NO.	: 01525855		LLECTION DATE	: 21/Feb/2025 07:20AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, 7		PORTING DATE	: 21/Feb/2025 08:43AM
Test Name		Value	Unit	<b>Biological Reference interval</b>
		CLINICAL PA	THOLOGY	
	URINE RO	UTINE & MICRO	DSCOPIC EXAMINA	ATION
PHYSICAL EXAMIN	NATION			
QUANTITY RECIEV	ED STANCE SPECTROPHOTOMETRY	10	ml	
COLOUR		PALE YELLO	W	PALE YELLOW
TRANSPARANCY	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY	CTANCE SPECTROPHOTOMETRY	1.01		1.002 - 1.030
CHEMICAL EXAMI				
REACTION	TANCE SPECTROPHOTOMETRY	ACIDIC		
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH	TANCE SPECTROPHOTOMETRY	6.5		5.0 - 7.5
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN	TANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID	TANCE SPECTROPHOTOMETRY	NEGATIVE (-	-ve)	NEGATIVE (-ve)
RED BLOOD CELLS		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

MOTITE IA IN

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

NAME	: Mr. MOHIT JAIN			
AGE/ GENDER	: 42 YRS/MALE		PATIENT ID	: 16811
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	, AMBALA CANTT	ſ	
Test Name		Value	Unit	Biological Reference interval
,	CENTRIFUGED URINARY SEDIMENT			
PUSCELLS		2-3	/HPF	0 - 5

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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