



	Dr. Vinay Chopra MD (Pathology & Microl Chairman & Consultant		MI	m Chopra D (Pathology) nt Pathologist	
NAME : Mr. LOKE	SH				
AGE/ GENDER : 31 YRS/M	ALE		PATIENT ID	: 177330	06
COLLECTED BY :			<b>REG. NO./LAB NO.</b>	:01250	2280015
<b>REFERRED BY</b> :			<b>REGISTRATION DATE</b>		o/2025 10:36 AM
<b>BARCODE NO.</b> : 01526242			COLLECTION DATE		o/2025 10:37AM
	NOSTIC LAB IICHOLSON ROAD, AMBAL		REPORTING DATE	: 28/Feb	o/2025 11:24AM
<b>CLIENT ADDRESS</b> . 0349/1, 10	ICHOLSON KOAD, AMDAI	LA CANTT			
Test Name	The second secon	Value	Unit		Biological Reference interval
	SWASTH	YA WF	LLNESS PANEL: 1	.0	
			OOD COUNT (CBC)		
<b>RED BLOOD CELLS (RBCS) CO</b>					
HAEMOGLOBIN (HB)		14.2	gm/dL		12.0 - 17.0
	r.	4.05	Ű		
RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELE		4.65	Million	s/cmm	3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HE		44.1	%		40.0 - 54.0
MEAN CORPUSCULAR VOLUME by CALCULATED BY AUTOMATED HE	(MCV)	94.9	fL		80.0 - 100.0
MEAN CORPUSCULAR HAEMOO	GLOBIN (MCH)	30.6	pg		27.0 - 34.0
MEAN CORPUSCULAR HEMOGI		32.2	g/dL		32.0 - 36.0
RED CELL DISTRIBUTION WID by CALCULATED BY AUTOMATED HE	ГН (RDW-CV)	13.1	%		11.00 - 16.00
RED CELL DISTRIBUTION WID by CALCULATED BY AUTOMATED HE	ГН (RDW-SD)	46.7	fL		35.0 - 56.0
MENTZERS INDEX		20.41	RATIO		BETA THALASSEMIA TRAIT: < 13.0
					IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX	:	26.79	RATIO		BETA THALASSEMIA TRAIT:<= 65.0
_,					IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS (WBCS)					00.0
TOTAL LEUCOCYTE COUNT (TL by FLOW CYTOMETRY BY SF CUBE &		7710	/cmm		4000 - 11000
NUCLEATED RED BLOOD CELL by AUTOMATED 6 PART HEMATOLOG	S (nRBCS)	NIL			0.00 - 20.00
NUCLEATED RED BLOOD CELL by CALCULATED BY AUTOMATED HE	S (nRBCS) %	NIL	%		< 10 %





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Page 1 of 13







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

-- .

NAME	: Mr. LOKESH		
AGE/ GENDER	: 31 YRS/MALE	PATIENT ID	: 1773306
COLLECTED BY	:	REG. NO./LAB NO.	: 012502280015
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 28/Feb/2025 10:36 AM
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 28/Feb/2025 11:24AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Г	

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Dr. Vinay Chopra

MD (Pathology & Microbiology) Chairman & Consultant Pathologist

Test Name	Value	Unit	<b>Biological Reference interval</b>
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	72 <sup>H</sup>	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	20	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	7	%	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	5551	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1542	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	77	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	540	/cmm	80 - 880
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	187000	/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	14 <sup>H</sup>	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	103000 <sup>H</sup>	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	55.2 <sup>H</sup>	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16.5	%	15.0 - 17.0





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		Dr. Vinay Cho MD (Pathology & I Chairman & Const	Microbiology)	M	<b>m Chopra</b> D (Pathology) nt Pathologist
IAME	: Mr. LOKESH	[			
AGE/ GENDER	: 31 YRS/MAL	E		PATIENT ID	: 1773306
COLLECTED BY	:			REG. NO./LAB NO.	:012502280015
REFERRED BY	:			<b>REGISTRATION DATE</b>	: 28/Feb/2025 10:36 AM
BARCODE NO.	:01526242			COLLECTION DATE	: 28/Feb/2025 10:37AM
CLIENT CODE.	: KOS DIAGNO	STIC LAB		REPORTING DATE	: 28/Feb/2025 11:46AM
CLIENT ADDRESS	: 6349/1, NIC	HOLSON ROAD, A	MBALA CANTT		
Test Name			Value	Unit	Biological Reference interval
as C-reactive protein 3. This test may also systemic lupus eryth <b>CONDITION WITH LO</b> A low ESR can be see polycythaemia), sign as sickle cells in sick <b>NOTE:</b> 1. ESR and C - reactive	be used to moni ematosus W ESR en with conditior hificantly high w le cell anaemia) e protein (C-RP) es not change as	tor disease activit s that inhibit the hite blood cell cou also lower the ES are both markers rapidly as does CF	y and response to normal sedimen int (leucocytosis R. of inflammation R. either at the	to therapy in both of the tation of red blood cells, ) , and some protein abr	typicallý used in conjunction with other test such above diseases as well as some others, such as such as a high red blood cell count normalities. Some changes in red cell shape (such
2. Generally, ESR doe 3. <b>CRP is not affected</b>	1 DV as many Unit	71 1 autors as is LSN	, making it a bet	ter marker of inflammati	as it resolves. on.





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Page 3 of 13





		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
IAME	: Mr. LOKESH			
AGE/ GENDER	: 31 YRS/MALE	PA	TIENT ID	: 1773306
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 28/Feb/2025 12:04PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	), AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	CLINI	ICAL CHEMISTR	Y/BIOCHEMIST	RY
		<b>GLUCOSE FA</b>	STING (F)	
	G (F): PLASMA	81.88	mg/dL	NORMAL: < 100.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES: 1. A fasting plasma glucose level below 100 mg/dl is considered normal. 2. 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 PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





		<b>Chopra</b> gy & Microbiology) Consultant Pathologist	gist CEO & Consultant Pathologist	
NAME	: Mr. LOKESH			
AGE/ GENDER	: 31 YRS/MALE	Р	ATIENT ID	: 1773306
COLLECTED BY	:	R	EG. NO./LAB NO.	: 012502280015
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
			FILE : BASIC	
CHOLESTEROL TO		124.84		OPTIMAL: < 200.0
by CHOLESTEROL O		124.84	mg/dL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR =
TRIGLYCERIDES: S by GLYCEROL PHOSF	ERUM HATE OXIDASE (ENZYMATIC)	87.16	mg/dL	240.0 OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0
				HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTERO by SELECTIVE INHIBIT	L (DIRECT): SERUM	38.69	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0
LDL CHOLESTERO		68.72	mg/dL	HIGH HDL: > OR = 60.0 OPTIMAL: < 100.0
by CALCULATED, SPE	CTROPHOTOMETRY			ABOVE OPTIMAL: 100.0 - 129. BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLES by CALCULATED, SPE		86.15	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159. BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0
VLDL CHOLESTER	DL: SERUM	17.43	mg/dL	VERY HIGH: > OR = 220.0 0.00 - 45.00
by CALCULATED, SPE TOTAL LIPIDS: SEF	RUM	336.84 <sup>L</sup>	mg/dL	350.00 - 700.00
by CALCULATED, SPE CHOLESTEROL/HI by CALCULATED, SPE	DL RATIO: SERUM	3.23	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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Page 5 of 13

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





	Dr. Vinay Cho MD (Pathology & N Chairman & Consu	1icrobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. LOKESH			
AGE/ GENDER	: 31 YRS/MALE	P	PATIENT ID	: 1773306
COLLECTED BY	:	F	REG. NO./LAB NO.	: 012502280015
<b>REFERRED BY</b>	:	F	REGISTRATION DATE	: 28/Feb/2025 10:36 AM
BARCODE NO.	:01526242	C	COLLECTION DATE	: 28/Feb/2025 10:37AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	F	REPORTING DATE	: 28/Feb/2025 12:04PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		1.78	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	2.25 <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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Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist · Mr IOKESH

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

NAME	: Mr. LOKESH		
AGE/ GENDER	: 31 YRS/MALE	PATIENT ID	: 1773306
<b>COLLECTED BY</b>	:	<b>REG. NO./LAB NO.</b>	: 012502280015
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			/
Test Name	Value	Unit	<b>Biological Reference interval</b>

LIVER 1	FUNCTION TEST (CO	MPLETE)	
BILIRUBIN TOTAL: SERUM by diazotization, spectrophotometry	1.02	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.26	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by Calculated, spectrophotometry	0.76	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	29.75	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	60.24 <sup>H</sup>	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by calculated, spectrophotometry	0.49	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by Para NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	115.37	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by szasz, spectrophtometry	28.75	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.26	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.25	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.01 <sup>L</sup>	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by calculated, spectrophotometry	2.11 <sup>H</sup>	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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S0 9001 : 2008 CERT			ARE & DIAGNOSTICS	
	Dr. Vinay Cho MD (Pathology & M Chairman & Const	Microbiology) M	am Chopra ID (Pathology) ant Pathologist	
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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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Test Name		Value	Unit	<b>Biological Reference interval</b>	
	KIDNE	Y FUNCTION	TEST (COMPLETE)		
UREA: SERUM		13.95	mg/dL	10.00 - 50.00	
CREATININE: SERU		0.93	mg/dL	0.40 - 1.40	
	OGEN (BUN): SERUM	6.52 <sup>L</sup>	mg/dL	7.0 - 25.0	
	OGEN (BUN)/CREATININE	7.01 <sup>L</sup>	RATIO	10.0 - 20.0	
UREA/CREATININI by CALCULATED, SPE	E RATIO: SERUM	15	RATIO		
URIC ACID: SERUM		6.3	mg/dL	3.60 - 7.70	
by URICASE - OXIDAS		8.68	mg/dL	8.50 - 10.60	
by ARSENAZO III, SPE PHOSPHOROUS: SE by PHOSPHOMOLYBD		3.25	mg/dL	2.30 - 4.70	
ELECTROLYTES					
SODIUM: SERUM by ISE (ION SELECTIV	E ELECTRODE)	140.5	mmol/L	135.0 - 150.0	
POTASSIUM: SERUN by ISE (ION SELECTIV	M	3.98	mmol/L	3.50 - 5.00	
CHLORIDE: SERUM		105.38	mmol/L	90.0 - 110.0	
	IERULAR FILTERATION RATE				
ESTIMATED GLOM (eGFR): SERUM by calculated <u>INTERPRETATION:</u>	ERULAR FILTERATION RATE	112.6			

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





	MD (Path	ay Chopra hology & Microbiology) h & Consultant Patholo		<b>Yugam Chc</b> MD (Patho Insultant Pathol	logy)		
NAME	: Mr. LOKESH						
AGE/ GENDER	: 31 YRS/MALE		<b>PATIENT ID</b>	:17	73306		
COLLECTED BY			REG. NO./LAB NO.	: 01	250228001	5	
REFERRED BY	•		REGISTRATION D		/Feb/2025 10		
BARCODE NO.	:01526242		COLLECTION DAT		/Feb/2025 10		
CLIENT CODE.	: KOS DIAGNOSTIC LA		REPORTING DATI	:28	/Feb/2025 12	2:04PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON	ROAD, AMBALA CAN	ГТ				
Test Name		Value	Un	it	Biologic	cal Referen	ice interva
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia	(e.g. ureter colostomy) ass (subnormal creatinin tetracycline, glucocortice <b>0:1) WITH ELEVATED CRE</b> (BUN rises disproportion superimposed on renal c	bids) ATININE LEVELS: nately more than creat lisease.	tinine) (e.g. obstructive	e uropathy).			
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia 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 ( 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 OKD STAGE	ass (subnormal creatinin tetracycline, glucocortice <b>0:1) WITH ELEVATED CRE</b> (BUN rises disproportion superimposed on renal of <b>0:1) WITH DECREASED BI</b> osis. Ind starvation. b: creased urea synthesis. urea rather than creatin monemias (urea is virtua of inappropiate antidiure <b>0:1) WITH INCREASED CR</b> py (accelerates conversion eleases muscle creatinin who develop renal failur sis (acetoacetate causes creased BUN/creatinine apy (interferes with crea <b>ULAR FILTERATION RATE:</b> <b>DESCRI</b>	bids) ATININE LEVELS: hately more than creat lisease. JN : In e diffuses out of extu- lity absent in blood). ic harmone) due to tu EATININE: on of creatine to creati e). e. false increase in creat ratio). tinine measurement). PTION GFR	racellular fluid). bular secretion of urea inine). inine with certain met (mL/min/1.73m2)	n. hodologies,re ASSOCIAT	ED FINDINGS	mal ratio wh	nen dehydra
A. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Prerenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis ( Repeated dialysis ( NIADH (syndrome of Pregnancy. DECREASED RATIO (< Necular patients NAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin there STIMATED GLOMERI CKD STAGE G1	ass (subnormal creatinin tetracycline, glucocortice 0:1) WITH ELEVATED CRE (BUN rises disproportion superimposed on renal of 0:1) WITH DECREASED BU osis. Ind starvation. 2. creased urea synthesis. urea rather than creatin monemias (urea is virtua of inappropiate antidiure 0:1) WITH INCREASED CR py (accelerates conversion eleases muscle creatinin who develop renal failur : sis (acetoacetate causes creased BUN/creatinine apy (interferes with crea ULAR FILTERATION RATE: DESCRI	bids) ATININE LEVELS: hately more than creat lisease. JN : In e diffuses out of extinity absent in blood). Lic harmone) due to tu EATININE: Don of creatine to creatifie). e. false increase in creat fratio). tinine measurement). PTION GFR ey function GFR	racellular fluid). bular secretion of urea inine). inine with certain met (mL/min/1.73m2) >90	hodologies,re ASSOCIAT	ED FINDINGS oteinuria	mal ratio wh	nen dehydra
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 diseas Other causes of de Repeated dialysis ( Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Nuscular patients Muscular patients Muscular patients Muscular patients Mappropiate RATIO Diabetic ketoacido should produce an in CEphalosporin there ESTIMATED GLOMERI OKD STAGE	ass (subnormal creatinin tetracycline, glucocortice <b>0:1) WITH ELEVATED CRE</b> (BUN rises disproportion superimposed on renal of <b>0:1) WITH DECREASED BI</b> osis. Ind starvation. b: creased urea synthesis. urea rather than creatin monemias (urea is virtua of inappropiate antidiure <b>0:1) WITH INCREASED CR</b> py (accelerates conversion eleases muscle creatinin who develop renal failur sis (acetoacetate causes creased BUN/creatinine apy (interferes with crea <b>ULAR FILTERATION RATE:</b> <b>DESCRI</b>	bids) ATININE LEVELS: hately more than creat lisease. JN : In e diffuses out of extinity absent in blood). Lic harmone) due to tu EATININE: Don of creatine to creatifie). e. false increase in creat fratio). tinine measurement). PTION GFR ey function Dage with	racellular fluid). bular secretion of urea inine). inine with certain met (mL/min/1.73m2)	hodologies,re ASSOCIAT No pr Presence	ED FINDINGS		hen dehydra
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8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia 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 G2 G3a G3a	ass (subnormal creatinin tetracycline, glucocortice 0:1) WITH ELEVATED CRE (BUN rises disproportion superimposed on renal of 0:1) WITH DECREASED BU osis. Ind starvation. 2. creased urea synthesis. urea rather than creatin monemias (urea is virtua of inappropiate antidiure 0:1) WITH INCREASED CR py (accelerates conversion eleases muscle creatinin who develop renal failur : sis (acetoacetate causes creased BUN/creatinine apy (interferes with crea ILAR FILTERATION RATE: DESCRI Normal kidn Kidney dar normal or Mild decrea	bids) ATININE LEVELS: hately more than creat lisease. JN : In e diffuses out of extin lly absent in blood). Lic harmone) due to tu EATININE: Don of creatine to creati e). e. false increase in creat ratio). tinine measurement). PTION GFR ey function hage with high GFR rease in GFR rease in GFR rease in GFR	racellular fluid). bular secretion of urea inine). inine with certain met (mL/min/1.73m2) >90 >90 60 -89 30-59	hodologies,re ASSOCIAT No pr Presence	ED FINDINGS oteinuria of Protein ,		hen dehydra
A. Reduced muscle m     Certain drugs (e.g.     NCREASED RATIO (>2     Prerenal azotemia     DECREASED RATIO (<         Acute tubular necr     Low protein diet an     Severe liver diseas     Other causes of de     Severe liver diseas     Other causes of de     Severe liver diseas     Other causes of de     Severe liver diseas     Pregnancy.     DECREASED RATIO (<     Nuscular patients     NAPPROPIATE RATIO     Cephalosporin there     STIMATED GLOMERL     G1     G2     G3a	ass (subnormal creatinin tetracycline, glucocortice <b>0:1) WITH ELEVATED CRE</b> (BUN rises disproportion superimposed on renal of <b>0:1) WITH DECREASED BI</b> osis. Ind starvation. 2. creased urea synthesis. urea rather than creatin monemias (urea is virtua of inappropiate antidiure <b>0:1) WITH INCREASED CR</b> py (accelerates conversion eleases muscle creatinin who develop renal failur <b>1:</b> sis (acetoacetate causes creased BUN/creatinine apy (interferes with crea <u>ILAR FILTERATION RATE:</u> <u>DESCRI</u> <u>Normal kidn</u> <u>Kidney dar normal or</u> <u>Mild decrea</u>	bids) ATININE LEVELS: hately more than creat lisease. JN : Ine diffuses out of extin lly absent in blood). Lic harmone) due to tu EATININE: Don of creatine to creati e). e. false increase in creat ratio). tinine measurement). PTION GFR ey function hage with high GFR rease in GFR rease in GFR ease in GFR e	racellular fluid). bular secretion of urea inine). inine with certain met (mL/min/1.73m2) >90 >90 >90	hodologies,re ASSOCIAT No pr Presence	ED FINDINGS oteinuria of Protein ,		hen dehydra



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









	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant	biology) MI	m Chopra D (Pathology) nt Pathologist
NAME	: Mr. LOKESH		
AGE/ GENDER	: 31 YRS/MALE	PATIENT ID	: 1773306
COLLECTED BY	:	<b>REG. NO./LAB NO.</b>	: 012502280015
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 28/Feb/2025 10:36 AM
BARCODE NO.	:01526242	COLLECTION DATE	: 28/Feb/2025 10:37AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 28/Feb/2025 12:04PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	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



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

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interva
		CLINICAL PATI	IOLOGY	
	URINE RO	DUTINE & MICROSC		ATION
PHYSICAL EXAMI	NATION			
QUANTITY RECIEV		10	ml	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	PALE YELLOW		PALE YELLOW
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
FRANSPARANCY by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY	7	1.02		1.002 - 1.030
CHEMICAL EXAMI	TANCE SPECTROPHOTOMETRY			
REACTION		ACIDIC		
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NECATIVE (
	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH		6		5.0 - 7.5
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	C .		
NITRITE by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN		Normal	EU/dL	0.2 - 1.0
by DIP STICK/REFLEC KETONE BODIES	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Ũ		
BLOOD by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID		NEGATIVE (-ve)		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
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	<b>Biological Reference interval</b>

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	0-1	/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) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

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