



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultan	obiology)		(Pathology)
NAME	: Mr. LOKESH CHOPRA			
AGE/ GENDER	: 47 YRS/MALE		PATIENT ID	: 1769366
COLLECTED BY	:		REG. NO./LAB NO.	: 012502250001
REFERRED BY	:		REGISTRATION DATE	: 25/Feb/2025 06:35 AM
	: 01526095		COLLECTION DATE	: 25/Feb/2025 06:42AM
	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB/		REPORTING DATE	: 25/Feb/2025 09:37AM
Test Name		Value	Unit	Biological Reference interval
			ELLNESS PANEL: G	
		LETE BLO	DOD COUNT (CBC)	
	<u>RBCS) COUNT AND INDICES</u>			
HAEMOGLOBIN (HB) by CALORIMETRIC		11.9 ^L	gm/dL	12.0 - 17.0
RED BLOOD CELL (RI		4.42	Millions/	cmm 3.50 - 5.00
PACKED CELL VOLUM	CUSING, ELECTRICAL IMPEDENCE IÆ (PCV) TOMATED HEMATOLOGY ANALYZER	37.7 ^L	%	40.0 - 54.0
MEAN CORPUSCULA		85.2	fL	80.0 - 100.0
MEAN CORPUSCULA	R HAEMOGLOBIN (MCH) TOMATED HEMATOLOGY ANALYZER	26.9 ^L	pg	27.0 - 34.0
MEAN CORPUSCULA by CALCULATED BY AUT	R HEMOGLOBIN CONC. (MCHC)	31.6 ^L	g/dL	32.0 - 36.0
	ΓΙΟΝ WIDTH (RDW-CV) γοματές μεματοlogy analyzer	15.3	%	11.00 - 16.00
	ΓΙΟΝ WIDTH (RDW-SD) fomated hematology analyzer	48.9	fL	35.0 - 56.0
MENTZERS INDEX		19.28	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDE by CALCULATED		29.47	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELI				
•	BY SF CUBE & MICROSCOPY	8140	/cmm	4000 - 11000
NUCLEATED RED BL	OOD CELLS (nRBCS) HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
		NIL	%	< 10 %





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Dr. Yugam Chopra

MD (Pathology)

Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. LOKESH CHOPRA AGE/ GENDER : 47 YRS/MALE **PATIENT ID** :1769366 **COLLECTED BY** :012502250001 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 25/Feb/2025 06:35 AM **BARCODE NO.** :01526095 **COLLECTION DATE** : 25/Feb/2025 06:42AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 25/Feb/2025 09:37AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 74^H % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 19^L % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 6 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 6024 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1547 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 81^L /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 488 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 150000 - 450000 248000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.29 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 12 fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm 99000^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 40.111.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 16.5% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

Dr. Vinay Chopra

MD (Pathology & Microbiology)



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Test Name	Value	Unit	Biological Reference interval





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CLIENT CODE.	: KOS DIAGNOSTIC LAB		RTING DATE	: 25/Feb/2025 04:47PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A		AINU DAIL	. 23/100/2023 04.471 M	
CLIENI ADDRESS	. 0349/1, MCHOLSON ROAD, F	AMDALA CANTI			
Test Name		Value	Unit	Biological Reference interva	
WHOLE BLOOD	EMOGLOBIN (HbA1c):	6.9 ^H	%	4.0 - 6.4	
by HPLC (HIGH PERFOR	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE	151.33 ^H	mg/dL	60.00 - 140.00	
by HPLC (HIGH PERFOR	RMANCE LIQUID CHROMATOGRAPHY)				
		DIABETES ASSOCIATION			
	REFERENCE GROUP abetic Adults >= 18 years	GLYCOSY	GLYCOSYLATED HEMOGLOGIB (HBAIC) in %		
	t Risk (Prediabetes)		5.7 - 6.4		
	iagnosing Diabetes	>= 6.5			
	<u> </u>		Age > 19 Years		
		Goals of The		< 7.0	
Therapeut	ic goals for glycemic control	Actions Sugge		>8.0	
		Age < 19 Years			
		Goal of ther		<7.5	

KOS Diagnostic Lab

(A Unit of KOS Healthcare)

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT

1.Glycosylated hemoglobin (HbA1c) test is three monthly monitoring done to assess compliace with therapeutic regimen in diabetic patients. 2. Since Hb1c reflects long term fluctuations in blood glucose concentration, a diabetic patient who has recently under good control may still have high concentration of HbAlc. Converse is true for a diabetic previously under good control but now poorly controlled.

3. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targetting a goal of < 7.0% may not be appropiate.

4. High HbA1c (>9.0 -9.5 %) is strongly associated with risk of development and rapid progression of microvascular and nerve complications 5. Any condition that shorten RBC life span like acute blood loss, hemolytic anemia faisely lower HbA1c results.

6.HbA1c results from patients with HbSS,HbSC and HbD must be interpreted with caution, given the pathological processes including anemia, increased red cell turnover, and transfusion requirement that adversely impact HbA1c as a marker of long-term gycemic control.

7.Specimens from patients with polycythemia or post-splenctomy may exhibit increse in HbA1c values due to a somewhat longer life span of the red cells.



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	Dr. Vinay Chop MD (Pathology & M Chairman & Consul	licrobiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
AME	: Mr. LOKESH CHOPRA			
GE/ GENDER	: 47 YRS/MALE	PA	FIENT ID	: 1769366
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ARCODE NO.	:01526095	CO	LLECTION DATE	: 25/Feb/2025 06:42AM
LIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 25/Feb/2025 11:24AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	/IBALA CANTT		
'est Name		Value	Unit	Biological Reference interval
TERPRETATION: ESR is a non-speci- mune disease, but An ESR can be affe C-reactive proteir This test may also stemic lupus eryth DNDITION WITH LO ow ESR can be see olycythaemia), sig sickle cells in sick DTE: ESR and C - reactive Generally, ESR dod CRP is not affected If the ESR is eleval Women tend to ha Drugs such as dex	c does not tell the health practitione betted by other conditions besides in be used to monitor disease activity ematosus W ESR en with conditions that inhibit the n nificantly high white blood cell cour le cell anaemia) also lower the ESR re protein (C-RP) are both markers o es not change as rapidly as does CRF I by as many other factors as is ESR, red, it is typically a result of two typ ave a higher ESR, and menstruation a	er exactly where the flammation. For the and response to the ormal sedimentation of inflammation. P, either at the star making it a better nes of proteins, glob and pregnancy can	e inflammation is in the is reason, the ESR is ty nerapy in both of the a on of red blood cells, s nd some protein abno t of inflammation or a: narker of inflammatior pulins or fibrinogen. cause temporary eleva	pically used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count rmalities. Some changes in red cell shape (suc s it resolves. n .





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		Microbiology) Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. LOKESH CHOPRA			
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BARCODE NO.	: 01526095	COLL	ECTION DATE	: 25/Feb/2025 06:42AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 25/Feb/2025 10:15AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLINI	ICAL CHEMISTRY	BIOCHEMIST	RY
		GLUCOSE FAST	TING (F)	

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.





		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROI	FILE : BASIC	
CHOLESTEROL TO	TAL: SERUM	162.4	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX				BORDERLINE HIGH: 200.0 -
				239.0
				HIGH CHOLESTEROL: > OR = 240.0
FRIGLYCERIDES: S		76.01	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSP	PHATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 -
				199.0 HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
IDL CHOLESTERO	L (DIRECT): SERUM	48.57	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBIT	ION			BORDERLINE HIGH HDL: 30.0 60.0
				HIGH HDL: $> OR = 60.0$
DL CHOLESTERO		98.63	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPE	CIROPHOIOMEIRY			ABOVE OPTIMAL: 100.0 - 129. BORDERLINE HIGH: 130.0 -
				159.0
				HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLEST	TEROL: SERUM	113.83	mg/dL	OPTIMAL: < 130.0
by CALCULATED, SPE		110.00	ing, all	ABOVE OPTIMAL: 130.0 - 159.
				BORDERLINE HIGH: 160.0 -
				189.0 HIGH: 190.0 - 219.0
				VERY HIGH: $> OR = 220.0$
LDL CHOLESTER		15.2	mg/dL	0.00 - 45.00
by CALCULATED, SPE FOTAL LIPIDS: SER		400.81	mg/dL	350.00 - 700.00
by CALCULATED, SPE	CTROPHOTOMETRY			
CHOLESTEROL/HD by CALCULATED, SPE		3.34	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0
,				MODERATE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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NAME	: Mr. LOKESH CHOPRA			
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		2.03	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	1.56 ^L	RATIO	3.00 - 5.00

INTERPRETATION:

1. Measurements in the same patient can show physiological analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.

2. As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.

 Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
 NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement





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Test Name		Value	Unit	Biological Reference interval
	LIVER	FUNCTION 7	TEST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SH	: SERUM PECTROPHOTOMETRY	0.92	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	C (CONJUGATED): SERUM	0.17	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE by CALCULATED, SPE	CT (UNCONJUGATED): SERUM	0.75	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	13.6	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	17.9	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE		0.76	RATIO	0.00 - 46.00
ALKALINE PHOSPI by Para Nitrophen propanol	IATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	71.09	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM	20.45	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		6.43	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G		4.28	gm/dL	3.50 - 5.50
GLOBULIN: SERUM	1	2.15 ^L	gm/dL	2.30 - 3.50
	-		5.157.0	

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:

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)

1.99





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RATIO

1.00 - 2.00

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Test Name		Value Unit	Biological Reference interval
	. 0043/ 1, Menolson Romb, M		
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NAME	: Mr. LOKESH CHOPRA		
	MD (Pathology & N Chairman & Consu	G, /	1D (Pathology) ant Pathologist
	Dr. Vinay Cho	pra 📔 Dr. Yug	am Chopra

Test Name	Value	Unit	Biological Reference interval

DECREASED:

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

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. : KOS DIA	GNOSTIC LAB	REP	ORTING DATE	: 25/Feb/2025 10:27AM
CLIENT ADDRESS : 6349/1, 7	NICHOLSON ROAD, AN	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	KIDNE	EY FUNCTION T	EST (COMPLETE)	
UREA: SERUM by UREASE - GLUTAMATE DEHYDR	OGENASE (GLDH)	25.17	mg/dL	10.00 - 50.00
CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOM		0.89	mg/dL	0.40 - 1.40
BLOOD UREA NITROGEN (BUN by CALCULATED, SPECTROPHOTO		11.76	mg/dL	7.0 - 25.0
BLOOD UREA NITROGEN (BUI RATIO: SERUM	N)/CREATININE	13.21	RATIO	10.0 - 20.0
by CALCULATED, SPECTROPHOTO UREA/CREATININE RATIO: SI by CALCULATED, SPECTROPHOTO	ERUM	28.28	RATIO	
URIC ACID: SERUM by URICASE - OXIDASE PEROXIDAS		4.92	mg/dL	3.60 - 7.70
CALCIUM: SERUM by ARSENAZO III, SPECTROPHOTOM		8.73	mg/dL	8.50 - 10.60
PHOSPHOROUS: SERUM by PHOSPHOMOLYBDATE, SPECTR		3.09	mg/dL	2.30 - 4.70
<u>ELECTROLYTES</u>				
SODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE	Ξ)	138	mmol/L	135.0 - 150.0
POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE		4.12	mmol/L	3.50 - 5.00
CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE	Ξ)	103.5	mmol/L	90.0 - 110.0
ESTIMATED GLOMERULAR F	ILTERATION RATE			
ESTIMATED GLOMERULAR FI (eGFR): SERUM by CALCULATED INTERPRETATION:	LTERATION RATE	106.4		

INTERPRETATION:

To differentiate between pre- and post renal azotemia.

INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

1. Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased glomerular filtration rate.

2. Catabolic states with increased tissue breakdown.

3. GI haemorrhage.



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





MD		Dr. Vinay Chopra D (Pathology & Microbiology) hairman & Consultant Pathologist		Dr. Yugam Chopra MD (Pathology) t CEO & Consultant Pathologist					
IAME	: Mr. LOKESH	CHOPRA							
GE/ GENDER	: 47 YRS/MALE		P	ATIENT ID	: 1	769366			
OLLECTED BY			R	EG. NO./LAB NO.	:0	1250225000	01		
EFERRED BY				EGISTRATION DA		5/Feb/2025 0			
	·								
ARCODE NO.	:01526095			OLLECTION DAT		5/Feb/2025 0			
LIENT CODE.	: KOS DIAGNOS			REPORTING DATE	E : 2	5/Feb/2025 1	0:27AM		
LIENT ADDRESS	: 6349/1, NICH	IOLSON ROAD, AMB	ALA CANTT						
Fest Name			Value	Uni	it	Biologi	ical Refer	ence inte	rval
9. Certain drugs (e.g. NCREASED RATIO (>2 . Postrenal azotemia	tetracycline, gluo 20:1) WITH ELEVA a (BUN rises dispr	TED CREATININE LEV oportionately more	ELS:	e) (e.g. obstructive	e uropathy).				
 Certain drugs (e.g., NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia Prerenal azotemia CECREASED RATIO (<' Acute tubular necr Low protein diet ar Severe liver diseas Other causes of de Repeated dialysis (SIADH (syndrome of Pregnancy. PCEREASED RATIO (Rhabdomyolysis (r Muscular patients Mappropiate RATIO Diabetic ketoacido Cephalosporin ther CENTRATED GLOMERI CKD STAGE 	tetracycline, gluc tetracycline, gluc to:1) WITH ELEVA a (BUN rises dispr superimposed or superimposed or to:1) WITH DECRE osis. a starvation. te. creased urea syn (urea rather than monemias (urea of inappropiate an to:1) WITH INCRE. py (accelerates c eleases muscle c who develop ren to: sis (acetoacetate creased BUN/cre apy (interferes w JLAR FILTERATION	cocorticoids) FED CREATININE LEVI oportionately more in renal disease. ASED BUN : thesis. creatinine diffuses of is virtually absent in itidiuretic harmone) ASED CREATININE: onversion of creating reatinine). al failure. causes false increase atinine ratio). ith creatinine measu IRATE: DESCRIPTION	ELS: than creatining but of extraced blood). due to tubula e to creatining e in creatining rement).	Ilular fluid). r secretion of urea e). e with certain metl /min/1.73m2)	i. hodologies,r ASSOCIA	TED FINDINGS		when dehy	ydratic
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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)









	Dr. Vinay Chopra MD (Pathology & Microbiolo Chairman & Consultant Path		(Pathology)
NAME	: Mr. LOKESH CHOPRA		
AGE/ GENDER	: 47 YRS/MALE	PATIENT ID	: 1769366
COLLECTED BY	:	REG. NO./LAB NO.	: 012502250001
REFERRED BY	:	REGISTRATION DATE	: 25/Feb/2025 06:35 AM
BARCODE NO.	: 01526095	COLLECTION DATE	: 25/Feb/2025 06:42AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 25/Feb/2025 10:27AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA C	ANTT	
Test Name	Valu	le 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

End Of Report ***





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