



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)	MC	m Chopra D (Pathology) ht Pathologist
NAME :	Mr. JAGBEER SINGH			
AGE/ GENDER :	40 YRS/MALE		PATIENT ID	: 445512
COLLECTED BY :			REG. NO./LAB NO.	: 012503080009
REFERRED BY :			REGISTRATION DATE	: 08/Mar/2025 08:05 AM
	01526680		COLLECTION DATE	: 08/Mar/2025 08:06AM
	KOS DIAGNOSTIC LAB 6349/1, NICHOLSON ROAD, AMBA		REPORTING DATE	: 08/Mar/2025 08:46AM
LLIEN I ADDRESS .	0349/ 1, NICHOLSON KOAD, AMD/	ALA CANT I		
Test Name		Value	Unit	Biological Reference interval
			INFCC DANEL 1	
			LINESS PANEL: 1.	.0
		LELE BLO	OOD COUNT (CBC)	
KED BLOOD CELLS (F HAEMOGLOBIN (HB)	RBCS) COUNT AND INDICES	15.1	gm/dL	12.0 - 17.0
by CALORIMETRIC			Ŭ	
RED BLOOD CELL (RB	C) COUNT USING, ELECTRICAL IMPEDENCE	5.4 ^H	Millions	s/cmm 3.50 - 5.00
PACKED CELL VOLUM	E (PCV)	45.4	%	40.0 - 54.0
by CALCULATED BY AUTO MEAN CORPUSCULAR	DMATED HEMATOLOGY ANALYZER VOLUME (MCV)	84.1	fL	80.0 - 100.0
	DMATED HEMATOLOGY ANALYZER HAEMOGLOBIN (MCH)	28	24	27.0 - 34.0
	DMATED HEMATOLOGY ANALYZER		pg	
MEAN CORPUSCULAR by CALCULATED BY AUT	HEMOGLOBIN CONC. (MCHC) DMATED HEMATOLOGY ANALYZER	33.3	g/dL	32.0 - 36.0
RED CELL DISTRIBUT	ION WIDTH (RDW-CV)	14	%	11.00 - 16.00
•	OMATED HEMATOLOGY ANALYZER ION WIDTH (RDW-SD)	44.3	fL	35.0 - 56.0
by CALCULATED BY AUT	DMATED HEMATOLOGY ANALYZER			
MENTZERS INDEX by CALCULATED		15.57	RATIO	BETA THALASSEMIA TRAIT: < 13.0
				IRON DEFICIENCY ANEMIA:
GREEN & KING INDEX		21.83	RATIO	>13.0 BETA THALASSEMIA TRAIT:<=
by CALCULATED		21.00		65.0
				IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>S (WBCS)</u>			
FOTAL LEUCOCYTE CO		4330	/cmm	4000 - 11000
NUCLEATED RED BLO	SF CUBE & MICROSCOPY OD CELLS (nRBCS)	NIL		0.00 - 20.00
by AUTOMATED 6 PART F	OD CELLC (-DDCC) 0/	NIT		× 10 0/
NUCLEATED RED BLO	OD CELLS (nRBCS) % DMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %





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Dr. Yugam Chopra

MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. JAGBEER SINGH AGE/ GENDER : 40 YRS/MALE **PATIENT ID** :445512 **COLLECTED BY** :012503080009 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :08/Mar/2025 08:05 AM **BARCODE NO.** :01526680 **COLLECTION DATE** :08/Mar/202508:06AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :08/Mar/202508:46AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 57 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 32 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 4 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 7 % 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 2468 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1386 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 173 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 303 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE IMMATURE GRANULOCYTE COUNT 0 0.0 - 999.0/cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) /cmm 150000 - 450000 138000^L by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.21% 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 15^H fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 87000 /cmm 30000 - 90000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) % 11.0 - 45.0 62.9^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 16.5% 15.0 - 17.0

Dr. Vinay Chopra

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE



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







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Test Name	Va	lue Unit	Biological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		hopra & Microbiology) onsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
AME	: Mr. JAGBEER SINGH			
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ARCODE NO.	: 01526680	COLLE	ECTION DATE	: 08/Mar/2025 08:06AM
LIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 08/Mar/2025 09:02AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD	D, AMBALA CANTT		
fest Name		Value	Unit	Biological Reference interval
	ERYTH DIMENTATION RATE (ESR) GATION BY CAPILLARY PHOTOME	IROCYTE SEDIMENT 5 Try	ATION RATE (mm/1st	





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BARCODE NO.	:01526680	COL	LECTION DATE	:08/Mar/202508:06AM
CLIENT CODE.	: KOS DIAGNOSTIC	LAB REI	ORTING DATE	:08/Mar/2025 10:48AM
CLIENT ADDRESS	: 6349/1, NICHOLS	ON ROAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL CHEMISTR	Y/BIOCHEMISTI	RY
		GLUCOSE FA	STING (F)	
	G (F): PLASMA	92.06	mg/dL	NORMAL: < 100.0

IN ACCRDANCE 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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CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	:08/Mar/2025 12:56PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROFI	LE : BASIC	
CHOLESTEROL TO by CHOLESTEROL O>		183.55	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0
				HIGH CHOLESTEROL: > OR = 240.0
FRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM PHATE OXIDASE (ENZYMATIC)	141.34	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
HDL CHOLESTERO	L (DIRECT): SERUM	33.37	mg/dL	VERY HIGH: > OR = 500.0 LOW HDL: < 30.0
by SELECTIVE INHIBIT			U	BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
DL CHOLESTERO		121.91	mg/dL	OPTIMAL: < 100.0 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		150.18 ^H	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159. BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0
VLDL CHOLESTER(28.27	mg/dL	VERY HIGH: > OR = 220.0 0.00 - 45.00
by CALCOLATED, SPE FOTAL LIPIDS: SEF by CALCULATED, SPE	RUM	508.44	mg/dL	350.00 - 700.00
CHOLESTEROL/HE by CALCULATED, SPE		5.5 ^H	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT	2	
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		3.65 ^H	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H	IDL RATIO: SERUM	4.24	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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT		
Test Name		Value	Unit	Biological Reference interval
-		FUNCTIO 1.97 ^H 0.27	N TEST (COMPLETE) mg/dL mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20 0.00 - 0.40
	SPECTROPHOTOMETRY	0.27	ilig/ uL	0.00 - 0.40
	ECT (UNCONJUGATED): SERUM	1.7 ^H	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	[/RIDOXAL PHOSPHATE	42.2	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	[/RIDOXAL PHOSPHATE	77.3 ^H	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE	ERUM ECTROPHOTOMETRY	0.55	RATIO	0.00 - 46.00
ALKALINE PHOSPI by para nitrophen propanol	HATASE: SERUM IYL PHOSPHATASE BY AMINO METHYL	67.57	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTRO	L TRANSFERASE (GGT): SERUM PHTOMETRY	39.46	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		6.77	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G		4.52	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	I ECTROPHOTOMETRY	2.25 ^L	gm/dL	2.30 - 3.50
A : G RATIO: SERU	Μ	2.01 ^H	RATIO	1.00 - 2.00

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)





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|--|

DECREASED:

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

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

PROGNOSTIC SIGNIFICANCE:	

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



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SU 9001 : 2008 CERT	IFIED LAB		EXCELLENCE IN HEALTHCARE &	a DIAGNOSTICS	
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CLIENT ADDRESS					
Test Name		Value	Unit	Biological Reference interval	
L					
	KIDNI	EY FUNCTIO	N TEST (COMPLETE)		
UREA: SERUM		19.81	mg/dL	10.00 - 50.00	
CREATININE: SER	by UREASE - GLUTAMATE DEHYDROGENASE (GLDH)		mg/dL	0.40 - 1.40	
by ENZYMATIC, SPEC	by ENZYMATIC, SPECTROPHOTOMETERY				
	BLOOD UREA NITROGEN (BUN): SERUM by CALCULATED, SPECTROPHOTOMETRY		mg/dL	7.0 - 25.0	
	BLOOD UREA NITROGEN (BUN)/CREATININE		RATIO	10.0 - 20.0	
RATIO: SERUM		8.82 ^L			
by CALCULATED, SPE UREA/CREATININ		18.87	RATIO		
	ECTROPHOTOMETRY	10.07	RATIO		
	URIC ACID: SERUM		mg/dL	3.60 - 7.70	
CALCIUM: SERUM	by URICASE - OXIDASE PEROXIDASE		mg/dL	8.50 - 10.60	
by ARSENAZO III, SPE		10.41 2.8			
	PHOSPHOROUS: SERUM by PHOSPHOMOLYBDATE, SPECTROPHOTOMETRY		mg/dL	2.30 - 4.70	
ELECTROLYTES	SATE, OF ECHNOLING TOMETRY				
SODIUM: SERUM		142.6	mmol/L	135.0 - 150.0	
by ISE (ION SELECTIV					
POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)		4.33	mmol/L	3.50 - 5.00	
CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)		106.95	mmol/L	90.0 - 110.0	
	IERULAR FILTERATION RATE				
	ERULAR FILTERATION RATE	92			
(eGFR): SERUM by CALCULATED					
INTERPRETATION:					
To differentiate betw	veen 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		IOLSON ROAD, AMBA			. 00/ Wal/ 2023 12.30	JI WI
Test Name			Value	Unit	Biological	Reference interval
2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr	superimposed of 10:1) WITH DECRE rosis.		S: an creatinine) (e.g. o	bstructive urop	athy).	
 Prerenal azotemia PCREASED RATIO (< Acute tubular necr Low protein diet a Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. PCREASED RATIO (Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin the CENTIMATED GLOMERI CKD STAGE 	superimposed of 10:1) WITH DECRE rosis. Ind starvation. te. ecreased urea syn (urea rather than monemias (urea of inappropiate a 10:1) WITH INCRE apy (accelerates of releases muscle of who develop rer D: osis (acetoacetate rapy (interferes w ULAR FILTERATION Norre-	n renal disease. EASED BUN : The treatinine diffuses out is virtually absent in the ntidiuretic harmone) de ASED CREATININE: onversion of creatine reatinine). hal failure. e causes false increase exatinine ratio). vith creatinine measure NATE: DESCRIPTION mal kidney function	an creatinine) (e.g. o at of extracellular flui lood). ue to tubular secreti to creatinine). in creatinine with ce ement). GFR (mL/min/1. >90	id). on of urea. ertain methodol 73m2) AS	ogies,resulting in normal SSOCIATED FINDINGS No proteinuria	l ratio when dehydrat
Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet a Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients VAPPROPIATE RATIO Diabetic ketoacido hould produce an ir Cephalosporin the STIMATED GLOMERI CKD STAGE	superimposed of 10:1) WITH DECRE rosis. Ind starvation. te. ecreased urea syn (urea rather than monemias (urea of inappropiate a 10:1) WITH INCRE apy (accelerates of releases muscle of who develop ren D: osis (acetoacetate rapy (interferes w ULAR FILTERATION Norn Kio	A renal disease. EASED BUN : The thesis. The creatinine diffuses out is virtually absent in the ntidiuretic harmone) de ASED CREATININE: onversion of creatine reatinine). The failure. The causes false increase the	an creatinine) (e.g. o at of extracellular flui lood). ue to tubular secreti to creatinine). in creatinine with ce ement). GFR (mL/min/1.	id). on of urea. ertain methodol 73m2) AS	ogies,resulting in normal SSOCIATED FINDINGS No proteinuria Presence of Protein ,	I ratio when dehydrat
 Prerenal azotemia PCREASED RATIO (< Acute tubular necr Low protein diet a Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. PCREASED RATIO (Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin the CENTIMATED GLOMERI CKD STAGE 	superimposed of 10:1) WITH DECRE rosis. Ind starvation. te. ecreased urea syn (urea rather than monemias (urea of inappropiate a 10:1) WITH INCRE apy (accelerates of releases muscle of who develop ren D: osis (acetoacetate rapy (interferes w ULAR FILTERATION Norn Kio nord	n renal disease. EASED BUN : The treatinine diffuses out is virtually absent in the ntidiuretic harmone) de ASED CREATININE: onversion of creatine reatinine). hal failure. e causes false increase exatinine ratio). vith creatinine measure NATE: DESCRIPTION mal kidney function	an creatinine) (e.g. o at of extracellular flui lood). ue to tubular secreti to creatinine). in creatinine with ce ement). GFR (mL/min/1. >90	id). on of urea. ertain methodol 73m2) AS	ogies,resulting in normal SSOCIATED FINDINGS No proteinuria	I ratio when dehydrat
 Prerenal azotemia PCREASED RATIO (< Acute tubular necr Low protein diet ai Severe liver diseas Other causes of def Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. PCEREASED RATIO (Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIC Diabetic ketoacido should produce an in Cephalosporin the CSTIMATED GLOMERI G1 G2 	superimposed of 10:1) WITH DECRE rosis. Ind starvation. ie. ecreased urea syn (urea rather than monemias (urea of inappropiate a 10:1) WITH INCRE apy (accelerates of releases muscle of who develop rer D: osis (acetoacetate rapy (interferes w ULAR FILTERATION Norr Norr Kio no Mill Mode	A renal disease. EASED BUN : The sis. The creatinine diffuses our is virtually absent in b ntidiuretic harmone) d ASED CREATININE: onversion of creatine reatinine). The causes false increase exatinine ratio). with creatinine measure DESCRIPTION mal kidney function Iney damage with ormal or high GFR d decrease in GFR rate decrease in GFR	an creatinine) (e.g. o of extracellular flui lood). ue to tubular secretion to creatinine). GFR (mL/min/1. >90 >90 >90 30-59	id). on of urea. ertain methodol 73m2) AS	ogies,resulting in normal SSOCIATED FINDINGS No proteinuria Presence of Protein ,	l ratio when dehydrat
 Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet a Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIC Diabetic ketoacido should produce an in Cephalosporin the ESTIMATED GLOMERI G1 G2 	superimposed of 10:1) WITH DECRE rosis. Ind starvation. ie. ecreased urea syn (urea rather than monemias (urea of inappropiate a 10:1) WITH INCRE apy (accelerates of releases muscle of who develop rer D: osis (acetoacetate rapy (interferes w ULAR FILTERATION Norr Norr Kio no Mill Mode	A renal disease. EASED BUN : The thesis. The creatinine diffuses our is virtually absent in b ntidiuretic harmone) d ASED CREATININE: onversion of creatine reatinine). Nal failure. Causes false increase exatinine ratio). <i>v</i> ith creatinine measure NATE: DESCRIPTION mal kidney function diney damage with ormal or high GFR d decrease in GFR	an creatinine) (e.g. o of extracellular flui lood). ue to tubular secretion to creatinine). in creatinine with ce ement). GFR (mL/min/1. >90 >90 60 -89	id). on of urea. ertain methodol 73m2) AS	ogies,resulting in normal SSOCIATED FINDINGS No proteinuria Presence of Protein ,	I ratio when dehydrat



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









	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant	biology) MD	n Chopra 9 (Pathology) 1 Pathologist
NAME	: Mr. JAGBEER SINGH		
AGE/ GENDER	: 40 YRS/MALE	PATIENT ID	: 445512
COLLECTED BY	:	REG. NO./LAB NO.	: 012503080009
REFERRED BY	:	REGISTRATION DATE	: 08/Mar/2025 08:05 AM
BARCODE NO.	: 01526680	COLLECTION DATE	:08/Mar/202508:06AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 08/Mar/2025 12:56PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	LA CANTT	
Test Name		Value Unit	Biological Reference interva

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPOI	RTING DATE	:08/Mar/202509:14AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PATH	HOLOGY	
	URINE RO	DUTINE & MICROSC	OPIC EXAMINA	ATION
PHYSICAL EXAMIN	NATION			
QUANTITY RECIEV		10	ml	
COLOUR		AMBER YELLOW	V	PALE YELLOW
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		CLEAR		CLEAR
		<=1.005		1.002 - 1.030
CHEMICAL EXAMI				
REACTION		ACIDIC		
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
-	TANCE SPECTROPHOTOMETRY	0		
pH by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	6		5.0 - 7.5
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE		Negative		NEGATIVE (-ve)
UROBILINOGEN	TANCE SPECTROPHOTOMETRY.	Normal	EU/dL	0.2 - 1.0
KETONE BODIES		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY BLOOD		Negative		NEGATIVE (-ve)
ASCORBIC ACID	TANCE SPECTROPHOTOMETRY TANCE SPECTROPHOTOMETRY MINATION	NEGATIVE (-ve)		NEGATIVE (-ve)
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

NAME	: Mr. JAGBEER SINGH			
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Test Name		Value	Unit	Biological Reference interval

PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	0-2	/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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