



	Chopra y & Microbiology) Consultant Pathologi		(Pathology)
NAME : Mr. MOHAN SINGH			
AGE/ GENDER : 57 YRS/MALE		PATIENT ID	: 1281826
COLLECTED BY		REG. NO./LAB NO.	: 012407100001
REFERRED BY		REGISTRATION DATE	: 10/Jul/2024 06:52 AM
BARCODE NO. : 01512829 CLIENT CODE. : KOS DIAGNOSTIC LAB		COLLECTION DATE	: 10/Jul/2024 08:38AM
CLIENT CODE.: KOS DIAGNOSTIC LABCLIENT ADDRESS: 6349/1, NICHOLSON ROA	AD, AMBALA CANT	REPORTING DATE	: 10/Jul/2024 09:14AM
Test Name	Value	Unit	Biological Reference interval
	SWASTHYA W	ELLNESS PANEL: 1.0	
	COMPLETE BI	OOD COUNT (CBC)	
RED BLOOD CELLS (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)	9.9 ^L	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDEI	3.85	Millions/cr	mm 3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANA	30.1 ^L	%	40.0 - 54.0
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANA	78.1 ^L	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANA	25.7 ^L	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCI by CALCULATED BY AUTOMATED HEMATOLOGY ANAL	HC) 32.8	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANAL	14.8 LYZER	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANAL	43	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	20.29	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	30.01	RATIO	BETA THALASSEMIA TRAIT: < = 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS (WBCS)			
TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	3960 ^L	/cmm	4000 - 11000
NUCLEATED RED BLOOD CELLS (nRBCS) by CALCULATED BY AUTOMATED HEMATOLOGY ANAL MICROSCOPY	NIL Lyzer &		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) % by calculated by automated hematology anal microscopy	NIL Lyzer &	%	< 10 %
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			





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Page 1 of 14

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





	Dr. Vinay Cho MD (Pathology & M Chairman & Consu	licrobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)	
NAME	: Mr. MOHAN SINGH				
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN				
Test Name		Value	Unit	Biological Reference interv	val
NEUTROPHILS	Y BY SF CUBE & MICROSCOPY	52	%	50 - 70	
LYMPHOCYTES		31	%	20 - 40	
by FLOW CYTOMETR EOSINOPHILS	Y BY SF CUBE & MICROSCOPY	8 ^H	%	1-6	
	Y BY SF CUBE & MICROSCOPY	8''	70	1-0	
MONOCYTES		9	%	2 - 12	
	Y BY SF CUBE & MICROSCOPY	0	0/	0 1	
BASOPHILS by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY	0	%	0 - 1	
ABSOLUTE LEUKOCY	YTES (WBC) COUNT				
ABSOLUTE NEUTRO	PHIL COUNT	2059	/cmm	2000 - 7500	
	Y BY SF CUBE & MICROSCOPY	1000		000 4000	
ABSOLUTE LYMPHO	CYTE COUNT Y BY SF CUBE & MICROSCOPY	1228	/cmm	800 - 4900	
ABSOLUTE EOSINOF		317	/cmm	40 - 440	
by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY				
ABSOLUTE MONOCY	YTE COUNT Y by sf cube & microscopy	356	/cmm	80 - 880	
ABSOLUTE BASOPHI		0	/cmm	0 - 110	
	Y BY SF CUBE & MICROSCOPY	U U	, on the	0 110	
	JRE GRANULOCYTE COUNT	10	/cmm	0.0 - 999.0	
	Y BY SF CUBE & MICROSCOPY HER PLATELET PREDICTIVE MARKI	FRS			
PLATELET COUNT (P	LT)	126000 ^L	/cmm	150000 - 450000	
by HYDRO DYNAMIC PLATELETCRIT (PCT)	FOCUSING, ELECTRICAL IMPEDENCE	0.12	%	0.10 - 0.36	
	FOCUSING, ELECTRICAL IMPEDENCE	0.12	70	0.10-0.38	
MEAN PLATELET VO	DLUME (MPV)	10	fL	6.50 - 12.0	
	FOCUSING, ELECTRICAL IMPEDENCE	24000		20000 00000	
PLATELET LARGE CE	LL COUNT (P-LCC) FOCUSING, ELECTRICAL IMPEDENCE	34000	/cmm	30000 - 90000	
PLATELET LARGE CE		28.2	%	11.0 - 45.0	
by HYDRO DYNAMIC	FOCUSING, ELECTRICAL IMPEDENCE				
	TION WIDTH (PDW)	16.3	%	15.0 - 17.0	

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE



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	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Patholo		(Pathology)
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T t. N	Miles	11-3	Distantial Defense interval
Test Name	Value	Unit	Biological Reference interval

ADVICE

KINDLY CORRELATE CLINICALLY

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED.



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LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	EDVTUD	OCYTE SEDIMENT		n
by MODIFIED WESTER NTERPRETATION: . ESR is a non-specifinmune disease, but . An ESR can be affe s C-reactive protein . This test may also ystemic lupus erythe ONDITION WITH LOW . Iow ESR can be see bolycythaemia), sigr s sickle cells in sickling IOTE: . ESR and C - reactive . Generally, ESR doe . CRP is not affected . If the ESR is elevated . Women tend to ha . Drugs such as dext	does not tell the health practitione cted by other conditions besides inf be used to monitor disease activity ematosus W ESR n with conditions that inhibit the no ificantly high white blood cell coun e cell anaemia) also lower the ESR. e protein (C-RP) are both markers or s not change as rapidly as does CRP by as many other factors as is ESR, i ed, it is typically a result of two type ye a higher ESR. and menstruation a	r exactly where the int flammation. For this re and response to thera ormal sedimentation o it (leucocytosis), and f inflammation. P, either at the start of making it a better mar es of proteins, globulir and pregnancy can cau	flammation is in the eason, the ESR is typ apy in both of the ab of red blood cells, su some protein abnor inflammation or as ker of inflammation. as or fibrinogen. se temporary elevat	on associated with infection, cancer and auto body or what is causing it. ically used in conjunction with other test such ove diseases as well as some others, such as ch as a high red blood cell count malities. Some changes in red cell shape (suc it resolves.





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



]	PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE Unit	: 1281826 : 012407100001 : 10/Jul/2024 06:52 AM : 10/Jul/2024 08:38AM : 10/Jul/2024 10:50AM Biological Reference interval
STIC LAB	REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 10/Jul/2024 06:52 AM : 10/Jul/2024 08:38AM : 10/Jul/2024 10:50AM
STIC LAB IOLSON ROAD, AMBALA CANTT	COLLECTION DATE REPORTING DATE	: 10/Jul/2024 08:38AM : 10/Jul/2024 10:50AM
STIC LAB IOLSON ROAD, AMBALA CANTT	REPORTING DATE	: 10/Jul/2024 10:50AM
IOLSON ROAD, AMBALA CANTT		
	Unit	Biological Reference interval
CLINICAL CHEMIS	TRY/BIOCHEMISTR	Y
GLUCOSE	FASTING (F)	
бо <i>д-род</i>)	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0
	GLUCOSE 110.55 ^H GOD-POD) BETES ASSOCIATION GUIDELINES: w 100 mg/dl is considered lucose) is recommended for all su lucose) is recommended for all su ove 125 mg/dl is hiphly suggestiv	GLUCOSE FASTING (F) 110.55 ^H mg/dL





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SO 9001:2008 CERT	IFIED LAB		EXCELLENCE IN HEALTHCARE	& DIAGNOSTICS
		Chopra ogy & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON RO	AD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROFIL	E : BASIC	
CHOLESTEROL TOTA by CHOLESTEROL OX		130.03	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.
TRIGLYCERIDES: SER by GLYCEROL PHOSE	RUM PHATE OXIDASE (ENZYMATIC)	119.41	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL (by SELECTIVE INHIBIT		47.84	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL: 5 by CALCULATED, SPE		58.31	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLESTE by calculated, spe		82.19	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTEROL: by CALCULATED, SPE		23.88	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUI by CALCULATED, SPE	M	379.47	mg/dL	350.00 - 700.00
by CALCULATED, SPE CHOLESTEROL/HDL by CALCULATED, SPE	RATIO: SERUM	2.72	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0
LDL/HDL RATIO: SER by CALCULATED, SPE		1.22	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
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KOS Diagnostic Lab (A Unit of KOS Healthcare)

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Page 6 of 14





		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD		2.5 ^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.

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			
Test Name		Value	Unit	Biological Reference interval
	LIV	ER FUNCTION	TEST (COMPLETE)	
BILIRUBIN TOTAL: S	ERUM <i>PECTROPHOTOMETRY</i>	0.35	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	CONJUGATED): SERUM	0.13	mg/dL	0.00 - 0.40
	(UNCONJUGATED): SERUM	0.22	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	24.2	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	25.2	U/L	0.00 - 49.00
AST/ALT RATIO: SER	UM	0.96	RATIO	0.00 - 46.00
ALKALINE PHOSPHA		98.32	U/L	40.0 - 130.0
GAMMA GLUTAMYL by SZASZ, SPECTRO	. TRANSFERASE (GGT): SERUM	32.83	U/L	0.00 - 55.0
TOTAL PROTEINS: SI	ERUM	6.6	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G		4.04	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPE		2.56	gm/dL	2.30 - 3.50
A : G RATIO: SERUM		1.58	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



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INTERPRETATION





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NAME	: Mr. MOHAN SINGH				
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Test Name		Value	Unit	Biological Re	ference interval
HEPATOCELLULAR C	ARCINOMA & CHRONIC HEPATITIS		> 1.3 (Slightly Inc	reased)	

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	Biological Reference interval
	ĸ	IDNEY FUNCTION	TEST (COMPLETE)	
UREA: SERUM		40.25	mg/dL	10.00 - 50.00
CREATININE: SERUN		1.38	mg/dL	0.40 - 1.40
by ENZYMATIC, SPEC	с <i>ткорнотометеку</i>)GEN (BUN): SERUM	18.81	mg/dL	7.0 - 25.0
	ECTROPHOTOMETRY	10.01	ing/uL	7.0 - 23.0
BLOOD UREA NITRC RATIO: SERUM	OGEN (BUN)/CREATININE	13.63	RATIO	10.0 - 20.0
	ECTROPHOTOMETRY			
UREA/CREATININE F		29.17	RATIO	
by CALCULATED, SPE URIC ACID: SERUM	ECTROPHOTOMETRY	3.77	ma/dl	3.60 - 7.70
by URICASE - OXIDAS	SE PEROXIDASE	3.77	mg/dL	3.00 - 7.70
CALCIUM: SERUM		8.99	mg/dL	8.50 - 10.60
by ARSENAZO III, SPE PHOSPHOROUS: SEF		3.32	ma/dl	2.30 - 4.70
	COIVI DATE, SPECTROPHOTOMETRY	3.32	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM		129.6 ^L	mmol/L	135.0 - 150.0
by ISE (ION SELECTI POTASSIUM: SERUM		4.28	mmol/L	3.50 - 5.00
by ISE (ION SELECTIV				
CHLORIDE: SERUM by ISE (ION SELECTIV		97.2	mmol/L	90.0 - 110.0
	RULAR FILTERATION RATE			
	RULAR FILTERATION RATE	59.6		
(eGFR): SERUM		0.110		
by CALCULATED				
NOTE 2		RESULT RECH	ECKED TWICE	
INTERPRETATION:	icon pro, and post ronal azotomi	_		

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



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	Dr. Vinay Ch MD (Pathology & Chairman & Con	Microbiology)	Yugam Chopra MD (Pathology) Isultant Pathologist		
NAME	: Mr. MOHAN SINGH				
AGE/ GENDER	: 57 YRS/MALE	PATIENT ID	: 1281826		
COLLECTED BY	:	REG. NO./LAB NO.	:012407100001		
REFERRED BY		REGISTRATION D		2 AM	
BARCODE NO.	: 01512829	COLLECTION DAT			
CLIENT CODE.	: KOS DIAGNOSTIC LAB				
		REPORTING DATE : 10/Jul/2024 12:07PM			
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTI			
Test Name		Value Un	it Biologica	Reference interval	
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (1. Acute tubular necr Low protein diet ar Severe liver diseas Other causes of de Repeated dialysis (Inherited hyperam 	superimposed on renal disease. 10:1) WITH DECREASED BUN : osis. nd starvation. e. creased urea synthesis. (urea rather than creatinine diffu monemias (urea is virtually abse	E LEVELS: nore than creatinine) (e.g. obstructive uses out of extracellular fluid).			
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 GLOMERU CKD STAGE	sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n JLAR FILTERATION RATE: DESCRIPTION	eatine to creatinine). hcrease in creatinine with certain met neasurement). GFR (mL/min/1.73m2)	ASSOCIATED FINDINGS	al ratio when dehydratio	
 B. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin their ESTIMATED GLOMERI CKD STAGE G1 	py (accelerates conversion of cre eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n JLAR FILTERATION RATE: DESCRIPTION Normal kidney func	eatine to creatinine). crease in creatinine with certain met neasurement). GFR (mL/min/1.73m2) tion >90	ASSOCIATED FINDINGS No proteinuria	al ratio when dehydratio	
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 GLOMERU CKD STAGE	py (accelerates conversion of cre eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n JLAR FILTERATION RATE: DESCRIPTION Normal kidney func Kidney damage wi	eatine to creatinine). hcrease in creatinine with certain met neasurement). GFR (mL/min/1.73m2) ition >90 ith >90	ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	al ratio when dehydratio	
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 <u>ESTIMATED GLOMERU</u> <u>CKD STAGE</u> G1	py (accelerates conversion of cre eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n JLAR FILTERATION RATE: DESCRIPTION Normal kidney func	eatine to creatinine). Increase in creatinine with certain met measurement). GFR (mL/min/1.73m2) ition >90 ith >90 FR	ASSOCIATED FINDINGS No proteinuria	al ratio when dehydratio	
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 G1 G2 G3a G3a G3b	py (accelerates conversion of cre eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n JLAR FILTERATION RATE: DESCRIPTION Normal kidney func Kidney damage wi normal or high GF Mild decrease in G Moderate decrease in	eatine to creatinine). crease in creatinine with certain met neasurement). GFR (mL/min/1.73m2) ition >90 ith >90 FR 60 -89 n GFR 30-59	ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	al ratio when dehydratio	
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 <u>ESTIMATED GLOMERI</u> <u>CKD STAGE</u> <u>G1</u> <u>G2</u> <u>G3a</u>	py (accelerates conversion of cre eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n JLAR FILTERATION RATE: DESCRIPTION Normal kidney func Kidney damage wi normal or high GF	eatine to creatinine). crease in creatinine with certain met neasurement). GFR (mL/min/1.73m2) ition >90 ith >90 FR 60 -89 n GFR 30-59	ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	al ratio when dehydrat	



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







	Dr. Vinay Chopra MD (Pathology & Microbiology Chairman & Consultant Pathol		(Pathology)		
NAME	: Mr. MOHAN SINGH				
AGE/ GENDER	: 57 YRS/MALE	PATIENT ID	: 1281826		
COLLECTED BY	:	REG. NO./LAB NO.	: 012407100001		
REFERRED BY	:	REGISTRATION DATE	: 10/Jul/2024 06:52 AM		
BARCODE NO.	: 01512829	COLLECTION DATE	: 10/Jul/2024 08:38AM		
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 10/Jul/2024 12:07PM		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA 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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



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BARCODE NO.	:01512829	COLL	ECTION DATE	: 10/Jul/2024 08:38AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 10/Jul/2024 09:59AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A				
Test Name		Value	Unit	Biological Reference interval	
		CLINICAL PATH	IOLOGY		
	URINE RO	OUTINE & MICROSC	OPIC EXAMINAT	ΓΙΟΝ	
PHYSICAL EXAMINA	TION				
QUANTITY RECIEVED		10	ml		
	TANCE SPECTROPHOTOMETRY				
COLOUR		AMBER YELLOW		PALE YELLOW	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR	
	TANCE SPECTROPHOTOMETRY	GELAR		OLLAN	
SPECIFIC GRAVITY		<=1.005		1.002 - 1.030	
	TANCE SPECTROPHOTOMETRY				
CHEMICAL EXAMINA	ATION				
REACTION	TANCE SPECTROPHOTOMETRY	NEUTRAL			
PROTEIN		Negative		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY				
SUGAR	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLEC	TANGE OF LOT NOP AUTOWETRY	7		5.0 - 7.5	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY				
BILIRUBIN		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY.	riogativo			
UROBILINOGEN		Normal	EU/dL	0.2 - 1.0	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY	Negative			
BLOOD		Negative		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY				
ASCORBIC ACID by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)	
MICROSCOPIC EXAM					

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Dr. Vinay Chopra

MD (Pathology & Microbiology)

EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

Dr. Yugam Chopra MD (Pathology)

ABSENT

Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. MOHAN SINGH AGE/ GENDER : 57 YRS/MALE **PATIENT ID** :1281826 **COLLECTED BY** :012407100001 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 10/Jul/2024 06:52 AM **BARCODE NO.** :01512829 **COLLECTION DATE** : 10/Jul/2024 08:38AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 10/Jul/2024 09:59AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** NEGATIVE (-ve) **RED BLOOD CELLS (RBCs)** /HPF 0 - 3 by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT PUS CELLS 3-4 /HPF 0 - 5 by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT EPITHELIAL CELLS 0-2 /HPF ABSENT by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT CRYSTALS NEGATIVE (-ve) NEGATIVE (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT NEGATIVE (-ve) NEGATIVE (-ve) CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT BACTERIA NEGATIVE (-ve) **NEGATIVE** (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT OTHERS NEGATIVE (-ve) NEGATIVE (-ve)

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT TRICHOMONAS VAGINALIS (PROTOZOA)

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

*** End Of Report ***

ABSENT





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

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