



	Dr. Vinay Chopr MD (Pathology & Mici Chairman & Consultai	robiology)		Pathology)
NAME	: Mr. AMANPREET SINGH			
AGE/ GENDER	: 54 YRS/MALE		PATIENT ID	: 1614298
COLLECTED BY	:		REG. NO./LAB NO.	: 012409160002
REFERRED BY	:		REGISTRATION DATE	: 16/Sep/2024 07:28 AM
BARCODE NO.	: 01517033		COLLECTION DATE	: 16/Sep/2024 07:37AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 16/Sep/2024 09:01AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SWAS	THYA WE	LLNESS PANEL: 1.0	
	CON	/IPLETE BLO	DOD COUNT (CBC)	
RED BLOOD CELLS (RE	BCS) COUNT AND INDICES			
HAEMOGLOBIN (HB) by CALORIMETRIC		12.3	gm/dL	12.0 - 17.0
RED BLOOD CELL (RBC	C) COUNT	4.21	Millions/cr	nm 3.50 - 5.00
PACKED CELL VOLUM	E (PCV) JTOMATED HEMATOLOGY ANALYZER	37.7 ^L	%	40.0 - 54.0
MEAN CORPUSCULAR		89.5	fL	80.0 - 100.0
MEAN CORPUSCULAR	HAEMOGLOBIN (MCH)	29.2	pg	27.0 - 34.0
MEAN CORPUSCULAR	HEMOGLOBIN CONC. (MCHC)	32.6	g/dL	32.0 - 36.0
RED CELL DISTRIBUTI	ON WIDTH (RDW-CV) DTOMATED HEMATOLOGY ANALYZER	16.8 ^H	%	11.00 - 16.00
RED CELL DISTRIBUTI	ON WIDTH (RDW-SD) JTOMATED HEMATOLOGY ANALYZER	56.4 ^H	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		21.26	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX		35.7	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>(WBCS)</u>			
TOTAL LEUCOCYTE CO	DUNT (TLC) by sf cube & microscopy	4160	/cmm	4000 - 11000
NUCLEATED RED BLO	OD CELLS (nRBCS) <i>T HEMATOLOGY ANALYZER</i>	NIL		0.00 - 20.00
NUCLEATED RED BLO by CALCULATED BY AL	OD CELLS (nRBCS) % ITOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %
DIFFERENTIAL LEUCO	<u>CYTE COUNT (DLC)</u>			
NEUTROPHILS		43 ^L	%	50 - 70





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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Vinay Chopra

EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

Dr. Yugam Chopra

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	···· , · · · · , ·			
Test Name		Value	Unit	Biological Reference interval
LYMPHOCYTES		39	%	20 - 40
-	Y BY SF CUBE & MICROSCOPY		0/	1.4
EOSINOPHILS by FLOW CYTOMETR	RY BY SF CUBE & MICROSCOPY	7 ^H	%	1 - 6
MONOCYTES		11	%	2 - 12
•	Y BY SF CUBE & MICROSCOPY	0	0/	0.1
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY		0	%	0 - 1
ABSOLUTE LEUKOCY				
ABSOLUTE NEUTROPHIL COUNT		1789 ^L	/cmm	2000 - 7500
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY				
ABSOLUTE LYMPHO		1622	/cmm	800 - 4900
ABSOLUTE EOSINOF	Y BY SF CUBE & MICROSCOPY PHIL COLINT	291	/cmm	40 - 440
	Y BY SF CUBE & MICROSCOPY	271	/ cmm	0 10
ABSOLUTE MONOCY		458	/cmm	80 - 880
	Y BY SF CUBE & MICROSCOPY	0	lamm	0 110
ABSOLUTE BASOPHI	IL COUNT Y BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
	HER PLATELET PREDICTIVE MARKE	<u>RS.</u>		
PLATELET COUNT (P		50000 ^L	/cmm	150000 - 450000
by HYDRO DYNAMIC PLATELETCRIT (PCT)	FOCUSING, ELECTRICAL IMPEDENCE	0.05 ^L	%	0.10 - 0.36
	FOCUSING, ELECTRICAL IMPEDENCE	0.05-	70	0.10 - 0.50
MEAN PLATELET VO		12	fL	6.50 - 12.0
by HYDRO DYNAMIC	FOCUSING, ELECTRICAL IMPEDENCE	04000	/cmm	30000 - 90000
	FOCUSING, ELECTRICAL IMPEDENCE	24000 ^L	7011111	30000 - 70000
PLATELET LARGE CE	LL RATIO (P-LCR) FOCUSING, ELECTRICAL IMPEDENCE	42.9	%	11.0 - 45.0
PLATELET DISTRIBU		16.4	%	15.0 - 17.0
by HYDRO DYNAMIC I ADVICE	FOCUSING, ELECTRICAL IMPEDENCE		RELATE CLINICALLY	
	JCTED ON EDTA WHOLE BLOOD			
DECHECKED				

RECHECKED.



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		OCYTE SEDIMENTA		
by MODIFIED WESTER NTERPRETATION: 1. ESR is a non-specifi mmune disease, but 2. An ESR can be affect as C-reactive protein 3. This test may also b systemic lupus erythe CONDITION WITH LOV A low ESR can be seen (polycythaemia), sign as sickle cells in sickle NOTE: 1. ESR and C - reactive 3. CRP is not affected 4. If the ESR is elevate 5. Women tend to hav 3. Drugs such as dext	does not tell the health practitione cted by other conditions besides inf pe used to monitor disease activity ematosus V ESR n with conditions that inhibit the no ificantly high white blood cell cour e cell anaemia) also lower the ESR e protein (C-RP) are both markers o s not change as rapidly as does CRF 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	er exactly where the inf flammation. For this re and response to thera ormal sedimentation o nt (leucocytosis), and s , f inflammation. P, either at the start of making it a better marl es of proteins, globulir and pregnancy can cau	lammation is in the ason, the ESR is typ py in both of the at f red blood cells, su ome protein abnor inflammation or as cer of inflammation is or fibrinogen.	on associated with infection, cancer and auto- body or what is causing it. bically used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count malities. Some changes in red cell shape (such it resolves.





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	AMBALA CANTT		
		Value	Unit	Biological Reference interval
Test Name		Value		
Test Name	CLIN		RY/BIOCHEMISTR	
Test Name	CLIN			

A fasting plasma glucose level below 100 mg/dr is considered normal.
 A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.
 A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROFI	ILE : BASIC	
CHOLESTEROL TOTA by CHOLESTEROL OX		99.43	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239 HIGH CHOLESTEROL: > OR = 24(
TRIGLYCERIDES: SER by GLYCEROL PHOSP	UM HATE OXIDASE (ENZYMATIC)	107.17	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL (by SELECTIVE INHIBITI		42.74	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL: S by CALCULATED, SPE		35.26	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLESTEI by CALCULATED, SPE		56.69	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTEROL: by CALCULATED, SPE		21.43	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUI by CALCULATED, SPE	M	306.03 ^L	mg/dL	350.00 - 700.00
CHOLESTEROL/HDL F by CALCULATED, SPE	RATIO: SERUM	2.33	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		0.82	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0



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		Chopra y & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD	L RATIO: SERUM	2.51 ^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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EXCELLENCE IN HEALTHCARE & DIAGNOSTICS Dr. Yugam Chopra MD (Pathology) **CEO & Consultant Pathologist**

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Test Name	Value	Unit	Biological Reference interval

Dr. Vinay Chopra

MD (Pathology & Microbiology)

Chairman & Consultant Pathologist

LIV	ER FUNCTION TEST	Г (COMPLETE)		
BILIRUBIN TOTAL: SERUM by diazotization, spectrophotometry	1.87 ^H	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20	
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.8 ^H	mg/dL	0.00 - 0.40	
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by calculated, spectrophotometry	1.07 ^H	mg/dL	0.10 - 1.00	
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	70.3 ^H	U/L	7.00 - 45.00	
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	50.4 ^H	U/L	0.00 - 49.00	
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.39	RATIO	0.00 - 46.00	
ALKALINE PHOSPHATASE: SERUM by para nitrophenyl phosphatase by amino methyl propanol	155.57 ^H	U/L	40.0 - 130.0	
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by szasz, spectrophtometry	106.6 ^H	U/L	0.00 - 55.0	
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.16 ^L	gm/dL	6.20 - 8.00	
ALBUMIN: SERUM by BROMOCRESOL GREEN	3.11 ^L	gm/dL	3.50 - 5.50	
GLOBULIN: SERUM by calculated, spectrophotometry	3.05	gm/dL	2.30 - 3.50	
A : G RATIO: SERUM by calculated, spectrophotometry	1.02	RATIO	1.00 - 2.00	
ADVICE	KINDLY CORRELA	ATE CLINICALLY		

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		





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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).

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

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	KI	DNEY FUNCTION	IEST (COMPLETE)	
UREA: SERUM		16.15	mg/dL	10.00 - 50.00
-	NATE DEHYDROGENASE (GLDH)			
CREATININE: SERUN		0.89	mg/dL	0.40 - 1.40
by ENZYMATIC, SPEC BLOOD UREA NITRO		7.55	mg/dL	7.0 - 25.0
by CALCULATED, SPE		1.00	ing/ de	7.6 20.0
	GEN (BUN)/CREATININE	8.48 ^L	RATIO	10.0 - 20.0
RATIO: SERUM	ECTROPHOTOMETRY			
UREA/CREATININE F		18.15	RATIO	
by CALCULATED, SPE	ECTROPHOTOMETRY			
URIC ACID: SERUM		6.3	mg/dL	3.60 - 7.70
by URICASE - OXIDAS	SE PEROXIDASE	8.37 ^L	mg/dL	8.50 - 10.60
	ECTROPHOTOMETRY	8.37-	ing/ dL	0.00 10.00
PHOSPHOROUS: SEF		3.08	mg/dL	2.30 - 4.70
ELECTROLYTES	DATE, SPECTROPHOTOMETRY			
		140.0	mmol/L	125.0 150.0
SODIUM: SERUM by ISE (ION SELECTIV	/E ELECTRODE)	140.2	mmoi/L	135.0 - 150.0
POTASSIUM: SERUM		4.32	mmol/L	3.50 - 5.00
by ISE (ION SELECTIV	/E ELECTRODE)			
CHLORIDE: SERUM		105.15	mmol/L	90.0 - 110.0
, ,	RULAR FILTERATION RATE			
	RULAR FILTERATION RATE	101.8		
(eGFR): SERUM		10110		
by CALCULATED				

INTERPRETATION:

To differentiate between pre- and post renal azotemia.

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

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

2. Catabolic states with increased tissue breakdown.



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Test Name		Value	Unit	Biological R	Reference interval	
	superimposed on renal diseas 10:1) WITH DECREASED BUN : rosis.	se.		athy).		
DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet a 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 5. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido should produce an ir	10:1) WITH DECREASED BUN : rosis. nd starvation. e. ccreased urea synthesis. (urea rather than creatinine d monemias (urea is virtually al of inappropiate antidiuretic ha 10:1) WITH INCREASED CREATI apy (accelerates conversion of releases muscle creatinine). who develop renal failure. D: osis (acetoacetate causes false increased BUN/creatinine ratio)	iffuses out of extracellular f osent in blood). Irmone) due to tubular secre NINE: creatine to creatinine). e increase in creatinine with).	fluid). etion of urea.		ratio when dehydratio	
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DECREASED RATIO (< 1. Acute tubular nect 2. Low protein diet a 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 5. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 8. Rhabdomyolysis (r 8. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido should produce an ir 2. Cephalosporin the ESTIMATED GLOMERI OKD STAGE	10:1) WITH DECREASED BUN : rosis. nd starvation. e. coreased urea synthesis. (urea rather than creatinine d monemias (urea is virtually al of inappropiate antidiuretic ha 10:1) WITH INCREASED CREATI apy (accelerates conversion of releases muscle creatinine). who develop renal failure. D: osis (acetoacetate causes false increased BUN/creatinine ratio) rapy (interferes with creatinine ULAR FILTERATION RATE: DESCRIPTIO	iffuses out of extracellular f osent in blood). Irmone) due to tubular secre NINE: creatine to creatinine). e increase in creatinine with). e measurement). N GFR (mL/min/	iluid). etion of urea. certain methodole	ogies,resulting in normal SSOCIATED FINDINGS	ratio when dehydratic	
DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet a 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 5. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido should produce an ir 2. Cephalosporin the ESTIMATED GLOMERI CKD STAGE G1	10:1) WITH DECREASED BUN : rosis. nd starvation. e. ecreased urea synthesis. (urea rather than creatinine d monemias (urea is virtually al of inappropiate antidiuretic ha 10:1) WITH INCREASED CREATIL apy (accelerates conversion of releases muscle creatinine). who develop renal failure. D: osis (acetoacetate causes false ncreased BUN/creatinine ratio) rapy (interferes with creatinine ULAR FILTERATION RATE: DESCRIPTION Normal kidney fu	iffuses out of extracellular f osent in blood). Irmone) due to tubular secre NINE: creatine to creatinine). e increase in creatinine with). e measurement). N GFR (mL/min/ nction >90	fluid). etion of urea. certain methodole 1.73m2) AS	ogies,resulting in normal SSOCIATED FINDINGS _No proteinuria	ratio when dehydratic	
CKD STAGE CKD STAGE CKD STAGE CKD STAGE CKD STAGE CKD STAGE CKD STAGE CKD STAGE CKD STAGE CACUE CACUE CKD STAGE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACUE CACU	10:1) WITH DECREASED BUN : rosis. nd starvation. e. coreased urea synthesis. (urea rather than creatinine d monemias (urea is virtually al of inappropiate antidiuretic ha 10:1) WITH INCREASED CREATI apy (accelerates conversion of releases muscle creatinine). who develop renal failure. D: osis (acetoacetate causes false increased BUN/creatinine ratio) rapy (interferes with creatinine ULAR FILTERATION RATE: DESCRIPTIO	iffuses out of extracellular f osent in blood). Irmone) due to tubular secre NINE: creatine to creatinine). e increase in creatinine with). e measurement). N GFR (mL/min/ nction >90 with >90	fluid). etion of urea. certain methodole 1.73m2) AS	ogies,resulting in normal SSOCIATED FINDINGS	ratio when dehydrati	

G2	Kidney damage with normal or high GFR	>90	Presence of Prot Albumin or cast ir
G3a	Mild decrease in GFR	60 -89	
G3b	Moderate decrease in GFR	30-59	
G4	Severe decrease in GFR	15-29	
G5	Kidney failure	<15	



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	Dr. Vinay Cho MD (Pathology & I Chairman & Const	Microbiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mr. AMANPREET SINGH			
AGE/ GENDER	: 54 YRS/MALE	PATIE	NT ID	: 1614298
COLLECTED BY	:	REG. N	O./LAB NO.	: 012409160002
REFERRED BY	:	REGIS	FRATION DATE	: 16/Sep/2024 07:28 AM
BARCODE NO.	:01517033	COLLE	CTION DATE	: 16/Sep/2024 07:37AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPOI	RTING DATE	: 16/Sep/2024 10:05AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA 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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		hopra & Microbiology) onsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PATH	OLOGY	
	URINE	ROUTINE & MICROSCO	OPIC EXAMINAT	ΓΙΟΝ
PHYSICAL EXAMINA				
QUANTITY RECIEVE		10	ml	
	CTANCE SPECTROPHOTOMETRY			
	TANCE SPECTROPHOTOMETRY	PALE YELLOW		PALE YELLOW
TRANSPARANCY	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
	TANCE SPECTROPHOTOMETRY			
SPECIFIC GRAVITY	CTANCE SPECTROPHOTOMETRY	1.02		1.002 - 1.030
CHEMICAL EXAMINA				
REACTION		ACIDIC		
	CTANCE SPECTROPHOTOMETRY			
PROTEIN	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR		Negative		NEGATIVE (-ve)
	CTANCE SPECTROPHOTOMETRY			
pH by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	5.5		5.0 - 7.5
BILIRUBIN		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
		Normal	EU/dL	0.2 - 1.0
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
BLOOD	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID	TANUE SPECI KUPHUTUMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
	CTANCE SPECTROPHOTOMETRY			、 <i>/</i>

MICROSCOPIC EXAMINATION



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









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	Biological Reference interval
RED BLOOD CELLS (F	RBCs) Centrifuged urinary sediment	NEGATIVE (-ve)	/HPF	0 - 3
	SENTING OGED ON WART DEDIMENT			
PUS CELLS	CENTRIFUGED URINARY SEDIMENT	3-4	/HPF	0 - 5
PUS CELLS by MICROSCOPY ON C		3-4 1-2	/HPF /HPF	0 - 5 ABSENT
PUS CELLS by MICROSCOPY ON C EPITHELIAL CELLS by MICROSCOPY ON C CRYSTALS	CENTRIFUGED URINARY SEDIMENT			

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT TRICHOMONAS VAGINALIS (PROTOZOA)

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

*** End Of Report ***

NEGATIVE (-ve)

NEGATIVE (-ve)

ABSENT





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NEGATIVE (-ve)

NEGATIVE (-ve)

ABSENT