

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



<b>Dr. Vinay Chop</b> MD (Pathology & M Chairman & Consul		Microbiology)	Dr. Yugam MD ( CEO & Consultant	(Pathology)
NAME	: Mr. PREETPAL SINGH			
AGE/ GENDER	: 37 YRS/MALE	P	PATIENT ID	: 1647588
COLLECTED BY	:	F	REG. NO./LAB NO.	: 012410190007
<b>REFERRED BY</b>	:		REGISTRATION DATE	: 19/Oct/2024 08:03 AM
BARCODE NO.	: 01519152		COLLECTION DATE	: 19/Oct/2024 08:43AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 19/Oct/2024 09:12AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SW	ASTHYA WEL	LNESS PANEL: 1.0	
	C	OMPLETE BLO	OD COUNT (CBC)	
RED BLOOD CELLS (F	BCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)		14.2	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (RE	BC) COUNT	5.3 <sup>H</sup>	Millions/c	mm 3.50 - 5.00
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE				
PACKED CELL VOLUN by CALCULATED BY A	IE (PCV) UTOMATED HEMATOLOGY ANALYZE	44 R	%	40.0 - 54.0
MEAN CORPUSCULA	R VOLUME (MCV)	83	fL	80.0 - 100.0
	UTOMATED HEMATOLOGY ANALYZE R HAEMOGLOBIN (MCH)	<sup>R</sup> 26.8 <sup>L</sup>	pg	27.0 - 34.0
by CALCULATED BY A	AUTOMATED HEMATOLOGY ANALYZE	ER		
	R HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZE	32.3	g/dL	32.0 - 36.0
RED CELL DISTRIBUT	ION WIDTH (RDW-CV)	14.3	%	11.00 - 16.00
	UTOMATED HEMATOLOGY ANALYZE ION WIDTH (RDW-SD)	R 44.6	fL	35.0 - 56.0
	UTOMATED HEMATOLOGY ANALYZE		IL	35.0 - 36.0
MENTZERS INDEX		15.66	RATIO	BETA THALASSEMIA TRAIT: < 13.0
by CALCULATED GREEN & KING INDE	X	22.4	RATIO	IRON DEFICIENCY ANEMIA: >13.0 BETA THALASSEMIA TRAIT:<= 65.0
by CALCULATED		22.7	KATIO	IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>S (WBCS)</u>			
TOTAL LEUCOCYTE C		4940	/cmm	4000 - 11000
by FLOW CYTOMETRY NUCLEATED RED BLO	Y BY SF CUBE & MICROSCOPY OOD CELLS (nRBCS)	NIL		0.00 - 20.00
by AUTOMATED 6 PAR	RT HEMATOLOGY ANALYZER			
	)OD CELLS (nRBCS) % <i>utomated hematology analyze</i>	NIL	%	< 10 %
DIFFERENTIAL LEUCO				
NEUTROPHILS		52	%	50 - 70
	Y BY SF CUBE & MICROSCOPY			





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







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NAME	: Mr. PREETPAL SINGH			
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LYMPHOCYTES		36	%	20 - 40
EOSINOPHILS	Y BY SF CUBE & MICROSCOPY Y BY SF CUBE & MICROSCOPY	4	%	1 - 6
MONOCYTES		8	%	2 - 12
by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY	0	%	0 - 1
	Y BY SF CUBE & MICROSCOPY	0	70	0 - 1
ABSOLUTE LEUKOCY	<u>(TES (WBC) COUNT</u>			
ABSOLUTE NEUTRO		2569	/cmm	2000 - 7500
ABSOLUTE LYMPHO	Y BY SF CUBE & MICROSCOPY CYTE COUNT	1778	/cmm	800 - 4900
	Y BY SF CUBE & MICROSCOPY	1770	/ cmm	000 4700
ABSOLUTE EOSINOP		198	/cmm	40 - 440
ABSOLUTE MONOCY	y by sf cube & microscopy /TE COUNT	395	/cmm	80 - 880
	Y BY SF CUBE & MICROSCOPY			
ABSOLUTE BASOPHI	L COUNT y by sf cube & microscopy	0	/cmm	0 - 110
	HER PLATELET PREDICTIVE MARKE	<u>RS.</u>		
PLATELET COUNT (P	LT)	208000	/cmm	150000 - 450000
	FOCUSING, ELECTRICAL IMPEDENCE	0.05		0.10 0.07
PLATELETCRIT (PCT)	FOCUSING, ELECTRICAL IMPEDENCE	0.25	%	0.10 - 0.36
MEAN PLATELET VO	LUME (MPV)	12	fL	6.50 - 12.0
	FOCUSING, ELECTRICAL IMPEDENCE	01000	1	20000 00000
PLATELET LARGE CEL	LL COUNT (P-LCC) FOCUSING, ELECTRICAL IMPEDENCE	81000	/cmm	30000 - 90000
PLATELET LARGE CEI	LL RATIO (P-LCR)	38.8	%	11.0 - 45.0
by HYDRO DYNAMIC F PLATELET DISTRIBU	FOCUSING, ELECTRICAL IMPEDENCE	16.2	%	15.0 - 17.0
	FOCUSING, ELECTRICAL IMPEDENCE	10.2	/0	13.0 - 17.0
NOTE: TEST CONDU	JCTED ON EDTA WHOLE BLOOD			

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Page 2 of 13





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Test Name		Value	Unit	Biological Reference interval
	ERYTH	ROCYTE SEDIN	MENTATION RATE (ESP	
	MENTATION RATE (ESR) GATION BY CAPILLARY PHOTOMETR	8 Y	mm/1st h	r 0-20
systemic lupus erythe CONDITION WITH LOY A low ESR can be see (polycythaemia), sigr as sickle cells in sickl NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 6. Drugs such as dext	ematosus <b>N ESR</b> n with conditions that inhibit the ificantly high white blood cell co e cell anaemia) also lower the ES e protein (C-RP) are both markers is not change as rapidly as does C <b>by as many other factors as is ESF</b> ed, it is typically a result of two ty ye a higher ESR, and menstruation	normal sedimen unt (leucocytosis SR. of inflammation RP, either at the <b>R, making it a bet</b> pes of proteins, and pregnancy	tation of red blood cells, su ), and some protein abnor start of inflammation or as ter marker of inflammation globulins or fibrinogen. can cause temporary eleva	



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Page 3 of 13





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CLIENT ADDRESS Test Name	: 6349/1, NICHOLSON ROAE	O, AMBALA CANTT Value	Unit	Biological Reference interval
				-
		Value	Y/BIOCHEMISTR	-

KOS Diagnostic Lab (A Unit of KOS Healthcare)

A fasting plasma glucose level below 100 mg/dl 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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Page 4 of 13



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Test Name	Va	lue	Unit	Biological Reference interval
CHOLESTEROL TOTAL: SERUM by CHOLESTEROL OXIDASE PAP		PID PROFILE : B. 6.05 <sup>H</sup>	ASIC mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0
TRIGLYCERIDES: SERUM by GLYCEROL PHOSPHATE OXIDAS		5.42 <sup>H</sup>	mg/dL	HIGH CHOLESTEROL: > OR = 240.0 OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL (DIRECT): SER by SELECTIVE INHIBITION	2UM 37	.6	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL: SERUM by CALCULATED, SPECTROPHOTON		7.37	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 CHOLESTEROL: SERUM by CALCULATED, SPECTROPHOTON	10	8.45 <sup>H</sup>	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: SERUM by CALCULATED, SPECTROPHOTON	61	.08 <sup>H</sup>	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUM by calculated, spectrophotom	75	7.52 <sup>H</sup>	mg/dL	350.00 - 700.00
CHOLESTEROL/HDL RATIO: SERU by CALCULATED, SPECTROPHOTON	IM 6.0		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: SERUM by calculated, spectrophoton		<sub>39</sub> н	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0



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Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD		8.12 <sup>H</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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Test Name		Value	Unit	Biological Reference interval
	LIV	ER FUNCTION	TEST (COMPLETE)	
	BILIRUBIN TOTAL: SERUM by diazotization, spectrophotometry		mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY		mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT by CALCULATED, SPE	(UNCONJUGATED): SERUM	0.6	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	22.94	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	18.95	U/L	0.00 - 49.00
AST/ALT RATIO: SER by CALCULATED, SPE	UM	1.21	RATIO	0.00 - 46.00
ALKALINE PHOSPHA by Para Nitrophen propanol	TASE: SERUM YL PHOSPHATASE BY AMINO METHYL	79.72	U/L	40.0 - 130.0
	GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY		U/L	0.00 - 55.0
TOTAL PROTEINS: SE	ERUM	6.58	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G		3.99	gm/dL	3.50 - 5.50
GLOBULIN: SERUM		2.59	gm/dL	2.30 - 3.50
A : G RATIO: SERUM		1.54	RATIO	1.00 - 2.00

Dr. Vinay Chopra

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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Test Name		Value	Unit	Biological R	Reference 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).

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
	KID	NEY FUNCTIO	ON TEST (COMPLETE)	
UREA: SERUM		27.08	mg/dL	10.00 - 50.00
by UREASE - GLUTAMATE DEHYDROGENASE (GLDH) CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOMETERY		1.11	mg/dL	0.40 - 1.40
BLOOD UREA NITRO	GEN (BUN): SERUM	12.65	mg/dL	7.0 - 25.0
	GEN (BUN)/CREATININE	11.4	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED, SPE				
UREA/CREATININE F by CALCULATED, SPE	RATIO: SERUM	24.4	RATIO	
URIC ACID: SERUM		6.25	mg/dL	3.60 - 7.70
CALCIUM: SERUM by ARSENAZO III, SPE		10.18	mg/dL	8.50 - 10.60
PHOSPHOROUS: SER		3.41	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM	ELECTRODE)	141.5	mmol/L	135.0 - 150.0
by ISE (ION SELECTIVE ELECTRODE) POTASSIUM: SERUM		4.22	mmol/L	3.50 - 5.00
by ISE (ION SELECTIVE ELECTRODE) CHLORIDE: SERUM		106.13	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	RULAR FILTERATION RATE			
	RULAR FILTERATION RATE	87.7		

## 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 Ur	nit Biologic	al Reference interval
	ass (subnormal creatinine production tetracycline, glucocorticoids)			
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 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 GLOMERU	tetracycline, glucocorticoids) <b>co:1) WITH ELEVATED CREATININE LE</b> a (BUN rises disproportionately more superimposed on renal disease. <b>to:1) WITH DECREASED BUN :</b> osis. ad starvation. e. creased urea synthesis. (urea rather than creatinine diffuses monemias (urea is virtually absent of inappropiate antidiuretic harmone <b>to:1) WITH INCREASED CREATININE:</b> py (accelerates conversion of creati eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false incre- creased BUN/creatinine ratio). rapy (interferes with creatinine mean <b>JLAR FILTERATION RATE:</b>	VELS: e than creatinine) (e.g. obstructive s out of extracellular fluid). in blood). e) due to tubular secretion of urea ine to creatinine). ase in creatinine with certain me surement).	a. thodologies,resulting in nor	mal ratio when dehydratic
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 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 GLOMERL CKD STAGE	tetracycline, glucocorticoids) <b>20:1) WITH ELEVATED CREATININE LE</b> a (BUN rises disproportionately more superimposed on renal disease. <b>10:1) WITH DECREASED BUN :</b> osis. and starvation. e. creased urea synthesis. (urea rather than creatinine diffuses monemias (urea is virtually absent of inappropiate antidiuretic harmone <b>10:1) WITH INCREASED CREATININE:</b> py (accelerates conversion of creati eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false incre- creased BUN/creatinine ratio). Tapy (interferes with creatinine meat <b>JLAR FILTERATION RATE:</b> <b>DESCRIPTION</b>	VELS:         e than creatinine) (e.g. obstructive         s out of extracellular fluid).         in blood).         e) due to tubular secretion of urea         ine to creatinine).         ase in creatinine with certain mersurement).	a. thodologies,resulting in nor ASSOCIATED FINDINGS	mal ratio when dehydratic
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INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 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 GLOMERL G1 G2	tetracycline, glucocorticoids) <b>20:1) WITH ELEVATED CREATININE LE</b> a (BUN rises disproportionately more superimposed on renal disease. <b>10:1) WITH DECREASED BUN :</b> osis. ad starvation. e. creased urea synthesis. (urea rather than creatinine diffuses monemias (urea is virtually absent of inappropiate antidiuretic harmone <b>10:1) WITH INCREASED CREATININE:</b> py (accelerates conversion of creati eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false incre creased BUN/creatinine ratio). apy (interferes with creatinine meas <b>JLAR FILTERATION RATE:</b> <b>DESCRIPTION</b> Normal kidney functior Kidney damage with normal or high GFR	VELS:         e than creatinine) (e.g. obstructive         s out of extracellular fluid).         in blood).         e) due to tubular secretion of ureatine         ine to creatinine).         ase in creatinine with certain measurement).         n       >90         >90	a. thodologies,resulting in nor ASSOCIATED FINDINGS No proteinuria	
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 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 GLOMERL G1 G2 G3a	tetracycline, glucocorticoids) <b>20:1) WITH ELEVATED CREATININE LE</b> a (BUN rises disproportionately more superimposed on renal disease. <b>10:1) WITH DECREASED BUN :</b> osis. ad starvation. e. creased urea synthesis. (urea rather than creatinine diffuses monemias (urea is virtually absent of inappropiate antidiuretic harmone <b>10:1) WITH INCREASED CREATININE:</b> py (accelerates conversion of creati eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false incre- creased BUN/creatinine ratio). apy (interferes with creatinine meas <b>JLAR FILTERATION RATE:</b> <b>DESCRIPTION</b> Normal kidney functior Kidney damage with normal or high GFR Mild decrease in GFR	VELS:         e than creatinine) (e.g. obstructive         s out of extracellular fluid).         in blood).         e) due to tubular secretion of ureatine         ine to creatinine).         ase in creatinine with certain means         surement).         n       >90         >90         60 -89	a. thodologies,resulting in nor ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	
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DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

Kidney failure

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

<15









	<b>Dr. Vinay Chopra</b> MD (Pathology & Micr Chairman & Consultar	robiology) MI	m Chopra D (Pathology) nt Pathologist
NAME	: Mr. PREETPAL SINGH		
AGE/ GENDER	: 37 YRS/MALE	PATIENT ID	: 1647588
COLLECTED BY	:	<b>REG. NO./LAB NO.</b>	: 012410190007
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 19/Oct/2024 08:03 AM
BARCODE NO.	: 01519152	COLLECTION DATE	: 19/Oct/2024 08:43AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 19/Oct/2024 10:25AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB.	ALA 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



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

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

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	Dr. Vinay Ch MD (Pathology & Chairman & Cor			(Pathology)	
NAME	: Mr. PREETPAL SINGH				
AGE/ GENDER	: 37 YRS/MALE	PAT	FIENT ID	: 1647588	
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BARCODE NO.	:01519152	<b>COLLECTION DATE</b>		: 19/Oct/2024 08:43AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 19/Oct/2024 09:17AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	D, AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
		CLINICAL PA	THOLOGY		
			SCOPIC EXAMINAT		
			SCOPIC EXAMININA	ION	
PHYSICAL EXAMINA		10			
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		10	ml		
COLOUR		PALE YELLOW		PALE YELLOW	
-	by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			CLEAR	
SPECIFIC GRAVITY		1.02		1.002 - 1.030	
CHEMICAL EXAMINA	TANCE SPECTROPHOTOMETRY				
REACTION		ACIDIC			
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative			
	PROTEIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			NEGATIVE (-ve)	
SUGAR		Negative		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY			50.75	
pH by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	5.5		5.0 - 7.5	
BILIRUBIN		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY NITRITE		Negativo		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-Ve)	
UROBILINOGEN		Normal	EU/dL	0.2 - 1.0	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY KETONE BODIES		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLEC	KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY				
BLOOD	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
ASCORBIC ACID		NEGATIVE (-ve	2)	NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY					

MICROSCOPIC EXAMINATION

57 

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 MD (Pathology & Microbiology) Chairman & Consultant Pathologist



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

NAME	: Mr. PREETPAL SINGH				
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BARCODE NO.	: 01519152				
CLIENT CODE.	: KOS DIAGNOSTIC LAB				
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN	MBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
RED BLOOD CELLS (F	RBCs) CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)	/HPF	0 - 3	
		<b>a</b> 4	(1) DE	0.5	

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS	2-4	/HPF	0 - 5
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT EPITHELIAL CELLS	1-3	/HPF	ABSENT
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT CRYSTALS	NEGATIVE (-ve)		
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)	ABSENT		ABSENT

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

\*\*\* End Of Report \*\*\*





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