



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)
NAME	: Mr. KANAV			
AGE/ GENDER	: 36 YRS/MALE		PATIENT ID	: 1678967
COLLECTED BY	:		REG. NO./LAB NO.	: 012411220003
REFERRED BY	:		REGISTRATION DATE	: 22/Nov/2024 07:38 AM
BARCODE NO.	: 01521227		COLLECTION DATE	: 22/Nov/2024 07:40AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 22/Nov/2024 08:53AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
			LLNESS PANEL: 1.0 OOD COUNT (CBC)	
RED BLOOD CELLS	(RBCS) COUNT AND INDICES			
HAEMOGLOBIN (H	B)	15.7	gm/dL	12.0 - 17.0
RED BLOOD CELL (RBC) COUNT OCUSING, ELECTRICAL IMPEDENCE	5.22 ^H	Millions/	'cmm 3.50 - 5.00
PACKED CELL VOLU	JME (PCV) utomated hematology analyzer	47.4	%	40.0 - 54.0
MEAN CORPUSCUL		90.7	fL	80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	30.1	pg	27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	33.2	g/dL	32.0 - 36.0
RED CELL DISTRIB	UTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	13.3	%	11.00 - 16.00
RED CELL DISTRIB	UTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	45.3	fL	35.0 - 56.0
MENTZERS INDEX		17.38	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INE		23.13	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CE		E 410		4000 11000
TOTAL LEUCOCYTE	COUNT (TLC) Y BY SF CUBE & MICROSCOPY	5410	/cmm	4000 - 11000
	LOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
NUCLEATED RED B	LOOD CELLS (nRBCS) % UTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Vinay Chopra



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

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Test Name	Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	46 ^L	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	42 ^H	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	4	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	8	%	2 - 12
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	%	0 - 1
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2489	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2272	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	216	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	433	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by flow cytometry by sf cube & microscopy	0	/cmm	0 - 110
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	334000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.31	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	9	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by hydro dynamic focusing, electrical impedence	70000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by hydro dynamic focusing, electrical impedence	20.9	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16	%	15.0 - 17.0



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Test Name	Va	lue Unit	Biological Reference interval



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BARCODE NO.	:01521227	(COLLECTION DATE	: 22/Nov/2024 07:40AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB]	REPORTING DATE	: 22/Nov/2024 09:11AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
 An ESR can be affe as C-reactive protein This test may also systemic lupus erythe CONDITION WITH LO' A low ESR can be see (polycythaemia), sigr as sickle cells in sickl NOTE: ESR and C - reactiv Generally, ESR doe d. If the ESR is elevat Women tend to ha Drugs such as dext 	be used to monitor disease activient matosus W ESR 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 by as many other factors as is ESI ed, it is typically a result of two ty ve a higher ESR. and menstruatio	inflammation. For ity and response to normal sediment ount (leucocytosis) SR. s of inflammation. CRP, either at the s R, making it a bett ypes of proteins, g n and pregnancy c	this reason, the ESR is type therapy in both of the a ation of red blood cells, so and some protein abnot start of inflammation or as er marker of inflammation lobulins or fibrinogen.	picallý used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count rmalities. Some changes in red cell shape (sucl s it resolves. 1.





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Test Name		Value	Unit	Biological Reference interval
	CLI	NICAL CHEMIST	RY/BIOCHEMIST	'RY
		GLUCOSE F	ASTING (F)	

KOS Diagnostic Lab (A Unit of KOS Healthcare)

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

 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.

test (after consumption of 75 gms of glucose) is recommended for all such patients. 3. A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.



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Test Name		Value	Unit	Biological Reference interval
		LIPID PROFI	I E · BASIC	
	TAL. CEDIM			OPTIMAL: < 200.0
CHOLESTEROL TO by CHOLESTEROL O		174.25	mg/dL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
FRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM HATE OXIDASE (ENZYMATIC)	152.5 ^H	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
HDL CHOLESTERO by SELECTIVE INHIBIT	L (DIRECT): SERUM	44.9	mg/dL	VERY HIGH: > OR = 500.0 LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0
LDL CHOLESTERO by CALCULATED, SPE		98.85	mg/dL	HIGH HDL: > OR = 60.0 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		129.35	mg/dL	VERT HIGH: > OR = 190.0 OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTER(30.5	mg/dL	0.00 - 45.00
FOTAL LIPIDS: SEF by Calculated, spe	RUM	501	mg/dL	350.00 - 700.00
CHOLESTEROL/HI by CALCULATED, SPE	DL RATIO: SERUM	3.88	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0



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NAME	: Mr. KANAV			
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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		2.2	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE		3.4	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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Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. KANAV AGE/ GENDER : 36 YRS/MALE **PATIENT ID** :1678967 **COLLECTED BY** :012411220003 REG. NO./LAB NO. : **REFERRED BY REGISTRATION DATE** : 22/Nov/2024 07:38 AM : **BARCODE NO.** :01521227 **COLLECTION DATE** : 22/Nov/2024 07:40AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 22/Nov/2024 10:16AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** LIVER FUNCTION TEST (COMPLETE)

LIVER	FUNCTION TEST (CO	MPLEIE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.85	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.16	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.69	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	15.25	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	19.74	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	0.77	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	70.61	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	20.37	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	7.29	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.6	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.69	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.71	RATIO	1.00 - 2.00

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).

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



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Biological Reference interval

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Test Name		Value	Unit	Biological Refer
	KIDNI	EY FUNCTION	TEST (COMPLETE)	
UREA: SERUM by UREASE - GLUTAN	IATE DEHYDROGENASE (GLDH)	25.83	mg/dL	10.00 - 50.00
CREATININE: SER		1.1	mg/dL	0.40 - 1.40
	ROGEN (BUN): SERUM	12.07	mg/dL	7.0 - 25.0
BLOOD UREA NITH RATIO: SERUM	ROGEN (BUN)/CREATININE	10.97	RATIO	10.0 - 20.0
UREA/CREATININ	ECTROPHOTOMETRY E RATIO: SERUM ECTROPHOTOMETRY	23.48	RATIO	
URIC ACID: SERUM	1	5.93	mg/dL	3.60 - 7.70
CALCIUM: SERUM		9.88	mg/dL	8.50 - 10.60

by CALCULATED, SPECTROPHOTOMETRY	23.40	KATIO	
URIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE	5.93	mg/dL	3.60 - 7.70
CALCIUM: SERUM by ARSENAZO III, SPECTROPHOTOMETRY	9.88	mg/dL	8.50 - 10.60
PHOSPHOROUS: SERUM by PHOSPHOMOLYBDATE, SPECTROPHOTOMETRY	3.29	mg/dL	2.30 - 4.70
<u>ELECTROLYTES</u>			
SODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	139.5	mmol/L	135.0 - 150.0
POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	4.01	mmol/L	3.50 - 5.00
CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)	104.63	mmol/L	90.0 - 110.0
ESTIMATED GLOMERULAR FILTERATION RATE			
ESTIMATED GLOMERULAR FILTERATION RATE (eGFR): SERUM	89.2		

⁽el 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.

3. GI haemorrhage.



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	. 50 mas/ Min						0.0		
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Test Name			Value	Uni	it	Biolog	ical Refer	ence inte	erval
9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necr	tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DECI osis.	creatinine production) ucocorticoids) ATED CREATININE LEVEI proportionately more th on renal disease.	_S:	ne) (e.g. obstructive	uropathy).				
 P. Certain drugs (e.g., INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Pregnancy. DECREASED RATIO (<1 Phenacimide thera Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin ther 	ass (subnormal tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DECI osis. d starvation. 2: creased urea sy urea rather tha monemias (urea f inappropiate 0:1) WITH INCR py (accelerates beleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes	creatinine production) ucocorticoids) ATED CREATININE LEVEL proportionately more the on renal disease. REASED BUN : antidiuretic harmone) of EASED CREATININE: conversion of creatine creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measur	S: han creatinin ut of extrace blood). due to tubula to creatinin	ellular fluid). ar secretion of urea. e).		resulting in no	rmal ratio	when deh	ydratic
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2. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 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 c 8. Pregnancy. DECREASED RATIO (<1 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	ass (subnormal tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DECI osis. Id starvation. 2: creased urea sy urea rather tha monemias (urea f inappropiate 0:1) WITH INCF py (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATIO	creatinine production) ucocorticoids) ATED CREATININE LEVEL proportionately more the on renal disease. REASED BUN : The creatinine diffuses of a is virtually absent in the antidiuretic harmone) of EASED CREATININE: conversion of creatine creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measur DN RATE: DESCRIPTION rmal kidney function idney damage with	S: han creatinin ut of extrace blood). due to tubula to creatinin e in creatinin ement).	ellular fluid). ar secretion of urea. e). ne with certain meth	hodologies, ASSOCIA	ATED FINDINGS proteinuria ce of Protein ,		when deh	ydratic
9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 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 c 8. Pregnancy. DECREASED RATIO (<1 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 G1 G2	ass (subnorma tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DECI osis. Id starvation. 2: creased urea sy urea rather tha monemias (urea f inappropiate 0:1) WITH INCF py (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATIO	creatinine production) ucocorticoids) ATED CREATININE LEVEL proportionately more the on renal disease. REASED BUN : The creatinine diffuses of a is virtually absent in the antidiuretic harmone) of EASED CREATININE: conversion of creatine creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measur DN RATE: DESCRIPTION rmal kidney function idney damage with normal or high GFR	S: han creatinin ut of extrace blood). due to tubula to creatinin e in creatinin ement).	ellular fluid). ar secretion of urea. e). ne with certain meth L/min/1.73m2) >90 >90	hodologies, ASSOCIA	ATED FINDINGS proteinuria		when deh	ydratic
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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)









	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant	obiology) MI	m Chopra D (Pathology) nt Pathologist
NAME	: Mr. KANAV		
AGE/ GENDER	: 36 YRS/MALE	PATIENT ID	: 1678967
COLLECTED BY	:	REG. NO./LAB NO.	: 012411220003
REFERRED BY	:	REGISTRATION DATE	: 22/Nov/2024 07:38 AM
BARCODE NO.	: 01521227	COLLECTION DATE	: 22/Nov/2024 07:40AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 22/Nov/2024 10:16AM
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





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

MBBS, MD (PATHOLOGY)

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KOS Diagnostic Lab (A Unit of KOS Healthcare)	EXCELLENCE IN HEALTHCARE & DIAGNOSTICS
Dr. Vinay Chopra	Dr. Yugam Chopra
MD (Pathology & Microbiology)	MD (Pathology)
Chairman & Consultant Pathologist	CEO & Consultant Pathologist

Test Name	Value	Unit	Biological Reference interval
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 22/Nov/2024 09:52AM
BARCODE NO.	: 01521227	COLLECTION DATE	: 22/Nov/2024 07:40AM
REFERRED BY	:	REGISTRATION DATE	: 22/Nov/2024 07:38 AM
COLLECTED BY	:	REG. NO./LAB NO.	:012411220003
AGE/ GENDER	: 36 YRS/MALE	PATIENT ID	: 1678967
NAME	: Mr. KANAV		

CLINICAL PATHOLOGY

URINE ROUTINE & MICROSCOPIC EXAMINATION

PHYSICAL EXAMINATION			
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	10	ml	
COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	AMBER YELLOW		PALE YELLOW
TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	1.01		1.002 - 1.030
CHEMICAL EXAMINATION			
REACTION by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	ACIDIC		
PROTEIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	6.5		5.0 - 7.5
BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
MICROSCOPIC EXAMINATION		·	
RED BLOOD CELLS (RBCs)	NEGATIVE (-ve)	/HPF	0 - 3



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

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

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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

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Test Name	Value	Unit	Biological Reference interval

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-2	/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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V DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)

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