



Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		MD (Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist	
AGE/ GENDER: 49 YFCOLLECTED BY:REFERRED BY:BARCODE NO.: 0151	DHARAM PAL RS/MALE 7517 DIAGNOSTIC LAB		PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1551660 : 012409230008 : 23/Sep/2024 07:39 AM : 23/Sep/2024 07:43AM : 23/Sep/2024 08:34AM
	/1, NICHOLSON ROAD, AMBAI			
Test Name		Value	Unit	Biological Reference interval
	SWASTI	HYA WE	LLNESS PANEL: 1.0	
	COMF	PLETE BLO	DOD COUNT (CBC)	
RED BLOOD CELLS (RBCS) CO	OUNT AND INDICES			
HAEMOGLOBIN (HB)		15.4	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (RBC) COUI by HYDRO DYNAMIC FOCUSING		6.07 ^H	Millions/ci	mm 3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATI		47.8	%	40.0 - 54.0
MEAN CORPUSCULAR VOLUM	ME (MCV)	78.8 ^L	fL	80.0 - 100.0
by CALCULATED BY AUTOMAT	OGLOBIN (MCH)	25.4 ^L	pg	27.0 - 34.0
by CALCULATED BY AUTOMAT MEAN CORPUSCULAR HEMO	GLOBIN CONC. (MCHC)	32.2	g/dL	32.0 - 36.0
by CALCULATED BY AUTOMATI	DTH (RDW-CV)	13.6	%	11.00 - 16.00
by CALCULATED BY AUTOMATH RED CELL DISTRIBUTION WIE	DTH (RDW-SD)	40.3	fL	35.0 - 56.0
by CALCULATED BY AUTOMATH MENTZERS INDEX by CALCULATED		12.98	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX		17.68	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS (WBCS)			
TOTAL LEUCOCYTE COUNT (T		8700	/cmm	4000 - 11000
NUCLEATED RED BLOOD CEL by AUTOMATED 6 PART HEMAT	LS (nRBCS)	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CEL by CALCULATED BY AUTOMATE	LS (nRBCS) %	NIL	%	< 10 %
DIFFERENTIAL LEUCOCYTE CO				
NEUTROPHILS by flow cytometry by sf c	UBE & MICROSCOPY	46 ^L	%	50 - 70



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 MD CEO & Consultant	(Pathology)
NAME	: Mr. DHARAM PAL			
AGE/ GENDER	: 49 YRS/MALE	PA	ATIENT ID	: 1551660
COLLECTED BY	:	RI	EG. NO./LAB NO.	: 012409230008
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	RI	EPORTING DATE	: 23/Sep/2024 08:34AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LYMPHOCYTES		37	%	20 - 40
EOSINOPHILS	Y BY SF CUBE & MICROSCOPY Y BY SF CUBE & MICROSCOPY	11 ^H	%	1-6
MONOCYTES	Y BY SF CUBE & MICROSCOPY	6	%	2 - 12
BASOPHILS		0	%	0 - 1
•	Y BY SF CUBE & MICROSCOPY			
ABSOLUTE LEUKOCY		4002	/cmm	2000 - 7500
	Y BY SF CUBE & MICROSCOPY	4002	7 cmm	2000 - 7500
ABSOLUTE LYMPHO	CYTE COUNT Y by sf cube & microscopy	3219	/cmm	800 - 4900
ABSOLUTE EOSINOP	PHIL COUNT	957 ^H	/cmm	40 - 440
ABSOLUTE MONOCY	y by sf cube & microscopy (TE COUNT	522	/cmm	80 - 880
by FLOW CYTOMETRY ABSOLUTE BASOPHI	Y BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
	Y BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
PLATELETS AND OTH	HER PLATELET PREDICTIVE MARKEI	<u>RS.</u>		
PLATELET COUNT (P		235000	/cmm	150000 - 450000
PLATELETCRIT (PCT)	FOCUSING, ELECTRICAL IMPEDENCE	0.31	%	0.10 - 0.36
by HYDRO DYNAMIC F	OCUSING, ELECTRICAL IMPEDENCE			
MEAN PLATELET VO	LUME (MPV) FOCUSING, ELECTRICAL IMPEDENCE	13 ^H	fL	6.50 - 12.0
PLATELET LARGE CEL		112000 ^H	/cmm	30000 - 90000
PLATELET LARGE CEI		47.8 ^H	%	11.0 - 45.0
PLATELET DISTRIBUT		16.5	%	15.0 - 17.0
-	ICTED ON EDTA WHOLE BLOOD			



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



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NAME	: Mr. DHARAM PAL			
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DA	TE :	: 23/Sep/2024 09:00AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	ERYTHR	OCYTE SEDIMENTATION R	ATE (ESR)	
by RED CELL AGGRET INTERPRETATION: 1. ESR is a non-specifi immune disease, but 2. An ESR can be affe as C-reactive protein 3. This test may also systemic lupus eryth CONDITION WITH LO' A low ESR can be see (polycythaemia), sigras sickle cells in sickl NOTE: 1. ESR and C - reactive 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 6. Drugs such as dext	does not tell the health practitione cted by other conditions besides in be used to monitor disease activity ematosus W ESR In with conditions that inhibit the r hificantly high white blood cell cou- le cell anaemia) also lower the ESF e protein (C-RP) are both markers of es not change as rapidly as does CR by as many other factors as is ESR , ed, it is typically a result of two typice a higher ESR, and menstruation	often indicates the presence of i er exactly where the inflammatio iflammation. For this reason, the y and response to therapy in bot normal sedimentation of red bloo nt (leucocytosis), and some pro the inflammation. P, either at the start of inflamma making it a better marker of infla making it a better marker of inflamma and pregnancy can cause tempo	on is in the bo ESR is typica of cells, such tein abnorma ation or as it i ammation. nogen. rary elevation	allý used in conjunction with other test such ve diseases as well as some others, such as as a high red blood cell count alities. Some changes in red cell shape (such resolves.





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Test Name		Value	Unit	Biological Reference interval	
	CLIN	ICAL CHEMISTRY/B	OCHEMISTRY	ſ	
		GLUCOSE FASTIN	IG (F)		
GLUCOSE FASTING (by GLUCOSE OXIDAS	F): PLASMA se - peroxidase (god-pod)	141.94 ^H	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0	
 A fasting plasma g A fasting plasma g test (after consumpti 	on of 75 gms of glucose) is recon	considered normal. ng/dl is considered as gluc nmended for all such patie	nts.	prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for atory for diabetic state.	





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ACCREDITED CERTIFIER	(A Unit of KOS H			
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: 6349/1, N	ICHOLSON ROAD, AMBAI	LA CANTT		
		/alue	Unit	Biological Reference interval

T14

	Value	onit	Biological Reference interval
	LIPID PROFILE :	BASIC	
CHOLESTEROL TOTAL: SERUM by CHOLESTEROL OXIDASE PAP	168.49	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SERUM by GLYCEROL PHOSPHATE OXIDASE (ENZYI	191.66 ^Н иа <i>тіс</i>)	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL (DIRECT): SERUM by SELECTIVE INHIBITION	35.04	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL: SERUM by CALCULATED, SPECTROPHOTOMETRY	95.12	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, SPECTROPHOTOMETRY	133.45 ^H	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, SPECTROPHOTOMETRY	38.33	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUM by CALCULATED, SPECTROPHOTOMETRY	528.64	mg/dL	350.00 - 700.00
CHOLESTEROL/HDL RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	4.81 ^H	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, spectrophotometry	2.71	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT.

NAME

AGE/ GENDER

COLLECTED BY

REFERRED BY

BARCODE NO.

CLIENT CODE.

Test Name

CLIENT ADDRESS





		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD		5.47 ^H	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.

 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.
 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

Dr. Vinay Chopra

MD (Pathology & Microbiology)

Chairman & Consultant Pathologist

LIVE	R FUNCTION TEST (COI	MPLETE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.44	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.14	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.3	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	30.4	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	61.2 ^H	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by calculated, spectrophotometry	0.5	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by para nitrophenyl phosphatase by amino methyl propanol	153.77 ^H	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by szasz, spectrophtometry	27.56	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.29	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	3.49 ^L	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.8	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by calculated, spectrophotometry	1.25	RATIO	1.00 - 2.00

<u>INTERPRETATION</u> 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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Test Name		Value Unit	Biological Reference interval

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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	KI	ONEY FUNCTION	TEST (COMPLETE)	
UREA: SERUM		39.37	mg/dL	10.00 - 50.00
	ATE DEHYDROGENASE (GLDH)		5	
CREATININE: SERUN		1.1	mg/dL	0.40 - 1.40
by ENZYMATIC, SPEC	GEN (BUN): SERUM	18.4	mg/dL	7.0 - 25.0
by CALCULATED, SPE		10.4	Thy/ dE	1.0 - 23.0
	GEN (BUN)/CREATININE	16.73	RATIO	10.0 - 20.0
RATIO: SERUM				
by CALCULATED, SPE UREA/CREATININE F		35.79	RATIO	
by CALCULATED, SPE		55.77	KATO	
URIC ACID: SERUM		6.04	mg/dL	3.60 - 7.70
by URICASE - OXIDAS	SE PEROXIDASE	9.46	ma (dl	8.50 - 10.60
CALCIUM: SERUM by ARSENAZO III, SPE	ECTROPHOTOMETRY	9.40	mg/dL	8.50 - 10.80
PHOSPHOROUS: SER		3.12	mg/dL	2.30 - 4.70
-	DATE, SPECTROPHOTOMETRY			
ELECTROLYTES				
SODIUM: SERUM by ISE (ION SELECTIV		139.5	mmol/L	135.0 - 150.0
POTASSIUM: SERUM		4.2	mmol/L	3.50 - 5.00
by ISE (ION SELECTIV				
CHLORIDE: SERUM		104.63	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	(E ELECTRODE) RULAR FILTERATION RATE			
	RULAR FILTERATION RATE	82.3		

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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2. Prerenal azotemia DECREASED RATIO (<1	superimposed on renal diseas 10:1) WITH DECREASED BUN :	ly more than creatinine) (e.g. obstructive se.	uropathy).
2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of der 5. Repeated dialysis (6. Inherited hyperami 7. SIADH (syndrome o 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (re 3. Muscular patients o INAPPROPIATE RATIO 1. Diabetic ketoacido:	superimposed on renal diseas 10:1) WITH DECREASED BUN : osis. ad starvation. creased urea synthesis. urea rather than creatinine d monemias (urea is virtually al of inappropiate antidiuretic ha 10:1) WITH INCREASED CREATION py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false	diffuses out of extracellular fluid). Ibsent in blood). armone) due to tubular secretion of urea I NINE: f creatine to creatinine). e increase in creatinine with certain meth	
 Prerenal azotemia DECREASED RATIO (<1 Acute tubular necro Low protein diet ar Severe liver disease Other causes of der Repeated dialysis (Inherited hyperaming SIADH (syndrome or Pregnancy. DECREASED RATIO (<1 Phenacimide theraging Rhabdomyolysis (red) Muscular patients or INAPPROPIATE RATIO Diabetic ketoacidoor Should produce an integendent 	superimposed on renal diseas 10:1) WITH DECREASED BUN : osis. ad starvation. e. creased urea synthesis. urea rather than creatinine d monemias (urea is virtually al of inappropiate antidiuretic ha 10:1) WITH INCREASED CREATION py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false creased BUN/creatinine ratio) apy (interferes with creatining)	diffuses out of extracellular fluid). Ibsent in blood). armone) due to tubular secretion of urea ININE: f creatine to creatinine). e increase in creatinine with certain meth	
 Prerenal azotemia DECREASED RATIO (<1 Acute tubular necro Low protein diet ar Severe liver disease Other causes of der Repeated dialysis (Inherited hyperaminos Pregnancy. DECREASED RATIO (<1 Phenacimide therand Rhabdomyolysis (rr Muscular patients of InapPROPIATE RATIO Diabetic ketoacidos should produce an interact Cephalosporin there 	superimposed on renal diseas 10:1) WITH DECREASED BUN : osis. ad starvation. creased urea synthesis. urea rather than creatinine d monemias (urea is virtually al of inappropiate antidiuretic ha 10:1) WITH INCREASED CREATION py (accelerates conversion of eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false creased BUN/creatinine ratio) apy (interferes with creatinine) ILAR FILTERATION RATE:	diffuses out of extracellular fluid). bsent in blood). armone) due to tubular secretion of urea ININE: f creatine to creatinine). e increase in creatinine with certain meth)). le measurement).	hodologies,resulting in normal ratio when dehydratic
 Prerenal azotemia DECREASED RATIO (<1 Acute tubular necro Low protein diet ar Severe liver disease Other causes of der Repeated dialysis (Inherited hyperaminon SIADH (syndrome on Pregnancy. DECREASED RATIO (<1 Phenacimide theran Rhabdomyolysis (red) Muscular patients of INAPPROPIATE RATIO Diabetic ketoacidoo should produce an into Cephalosporin ther 	superimposed on renal diseas 10:1) WITH DECREASED BUN : osis. ad starvation. b. creased urea synthesis. urea rather than creatinine d monemias (urea is virtually al of inappropiate antidiuretic ha 10:1) WITH INCREASED CREATION py (accelerates conversion of eleases muscle creatinine). who develop renal failure. 1: sis (acetoacetate causes false creased BUN/creatinine ratio) apy (interferes with creatining)	diffuses out of extracellular fluid). Ibsent in blood). armone) due to tubular secretion of urea ININE: f creatine to creatinine). e increase in creatinine with certain meth b). le measurement). IN GFR (mL/min/1.73m2)	

G1	Normal kidney function	>90	No proteinuria
G2	Kidney damage with	>90	Presence of Protein,
	normal or high GFR		Albumin or cast in urine
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	



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

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









	Dr. Vinay Chopra MD (Pathology & Microbi Chairman & Consultant P	iology) ME	m Chopra D (Pathology) ht Pathologist
NAME	: Mr. DHARAM PAL		
AGE/ GENDER	: 49 YRS/MALE	PATIENT ID	: 1551660
COLLECTED BY	:	REG. NO./LAB NO.	: 012409230008
REFERRED BY	:	REGISTRATION DATE	: 23/Sep/2024 07:39 AM
BARCODE NO.	:01517517	COLLECTION DATE	: 23/Sep/2024 07:43AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 23/Sep/2024 10:19AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA	A CANTT	
Test Name	V	alue 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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Dr. Vinay Ch MD (Pathology & Chairman & Cor				(Pathology)
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	. 49 IK3/ MALL			
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CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, .		PORTING DATE	: 23/Sep/2024 12:16PM
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PA	THOLOGY	
	URINE R	OUTINE & MICRO	SCOPIC EXAMINAT	ΓΙΟΝ
PHYSICAL EXAMINA	TION			
QUANTITY RECIEVE		10	ml	
	TANCE SPECTROPHOTOMETRY	10		
COLOUR		PALE YELLOW		PALE YELLOW
	TANCE SPECTROPHOTOMETRY			
	TANCE SPECTROPHOTOMETRY	HAZY		CLEAR
SPECIFIC GRAVITY	TANCE SPECTROPHOTOMETRY	>=1.030		1.002 - 1.030
	TANCE SPECTROPHOTOMETRY			
CHEMICAL EXAMINA	ATION			
REACTION		ACIDIC		
-	TANCE SPECTROPHOTOMETRY			
PROTEIN		Trace		NEGATIVE (-ve)
SUGAR	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY	Negative		
рН		5.5		5.0 - 7.5
	TANCE SPECTROPHOTOMETRY	Newstern		
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY.			
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		NEGATIVE (-ve	e)	NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY			

MICROSCOPIC EXAMINATION



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

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT CASTS 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)

NEGATIVE (-ve)

ABSENT





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

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NEGATIVE (-ve)

NEGATIVE (-ve)

NEGATIVE (-ve)

ABSENT