

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT



Dr. Vinay Chopr MD (Pathology & Micr Chairman & Consultar	robiology)	Dr. Yugam Ch MD (Path St CEO & Consultant Path	ology)
NAME : Mr. SHUBHAM			
AGE/ GENDER : 30 YRS/MALE		PATIENT ID : 1	793383
COLLECTED BY :		REG. NO./LAB NO. : 0	12503160017
REFERRED BY			6/Mar/2025 09:25 AM
BARCODE NO. : 01527168			6/Mar/2025 09:29AM
CLIENT CODE. : KOS DIAGNOSTIC LAB			6/Mar/2025 09:43AM
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMB	ALA CANTI		
Test Name	Value	Unit	Biological Reference interval
SWAST	HYA WE	LLNESS PANEL: 1.0	
COM	PLETE BL	OOD COUNT (CBC)	
RED BLOOD CELLS (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HB) by CALORIMETRIC	14.8	gm/dL	12.0 - 17.0
RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	4.97	Millions/cmm	n 3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	44.1	%	40.0 - 54.0
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	88.8	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	29.9	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	33.6	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	13.3	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	44.6	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	17.87	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	23.86	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	5400	/cmm	4000 - 11000
NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %
		A	



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

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Dr. Vinay Chopra



Dr. Yugam Chopra

MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. SHUBHAM **AGE/ GENDER** : 30 YRS/MALE **PATIENT ID** :1793383 **COLLECTED BY** :012503160017 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 16/Mar/2025 09:25 AM **BARCODE NO.** :01527168 **COLLECTION DATE** :16/Mar/2025 09:29AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 16/Mar/2025 09:43AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 42^L % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 44^H LYMPHOCYTES % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 2 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 12 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 0 BASOPHILS % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **IMMATURE GRANULOCTE (IG) %** 0 % 0 - 5.0 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 2268 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 800 - 4900 2376/cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 108 40 - 440 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 648 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 - 110 0 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE IMMATURE GRANULOCYTE COUNT 0 /cmm 0.0 - 999.0 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. 150000 - 450000 PLATELET COUNT (PLT) 219000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.3 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 14^H fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) 113000^H /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 51.8^H % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE



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Test Name		Value	Unit	Biological Reference interval
PLATELET DISTRU	SUTION WIDTH (PDW)	16.6	%	150-170

PLATELET DISTRIBUTION WIDTH (PDW)	10
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	
NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	

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

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ARCODE NO.	:01527168	CO	LLECTION DATE	: 16/Mar/2025 09:29AM	
LIENT CODE.	: KOS DIAGNOSTIC LAB	RI	PORTING DATE	: 16/Mar/2025 10:38AM	
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT			
est Name		Value	Unit	Biological Reference interval	
ystemic lupus eryth CONDITION WITH LO	W ESR en with conditions that inhibit th	ne normal sedimentat count (leucocytosis) ,	ion of red blood cells, s	uch as a high rad blood call count	





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Page 4 of 14





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CLIENT ADDRESS	: 6349/1, NICHOLSON R	OAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CL	INICAL CHEMIS	FRY/BIOCHEMIST	'RY
		CLUCOSE	FASTING (F)	
		GLUUUSE		

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. 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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0 9001 : 2008 CERTIFIED LAB		EXCELLENCE IN HEALTHCARE &	t DIAGNOSTICS
	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		Pathology)
NAME : Mr. SHUBH AGE/ GENDER : 30 YRS/MA COLLECTED BY : REFERRED BY : BARCODE NO. : 01527168 CLIENT CODE. : KOS DIAGN CLIENT ADDRESS : 6349/1, NIG	LE	PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1793383 : 012503160017 : 16/Mar/2025 09:25 AM : 16/Mar/2025 09:29AM : 16/Mar/2025 12:47PM
Fest Name	Value	Unit	Biological Reference interval
	LIPID PRO	FILE : BASIC	
CHOLESTEROL TOTAL: SERUM by CHOLESTEROL OXIDASE PAP	132.24	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SERUM by GLYCEROL PHOSPHATE OXIDASE (79.45 ENZYMATIC)	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL (DIRECT): S by Selective inhibition	ERUM 32.72	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
DL CHOLESTEROL: SERUM by CALCULATED, SPECTROPHOTOME	83.63 Try	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: SERUI by Calculated, spectrophotome		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
LDL CHOLESTEROL: SERUM by CALCULATED, SPECTROPHOTOME	15.89 Try	mg/dL	0.00 - 45.00
COTAL LIPIDS: SERUM by CALCULATED, SPECTROPHOTOME	343.93 ^L	mg/dL	350.00 - 700.00
CHOLESTEROL/HDL RATIO: SEE by CALCULATED, SPECTROPHOTOME	2UM 4.04	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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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		2.56	RATIO	D LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE	IDL RATIO: SERUM	2.43 ^L	RATIO	0 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
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i est name	value	Unit	biological keler ence inter var
LIVER	FUNCTION TES	ST (COMPLETE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.38	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.13	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.25	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	26.1	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	49.2 ^H	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	0.53	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	88.09	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	39.7	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	7.12	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.4	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.72	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.62	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:

> 2
> 2 (Highly Suggestive)
1.4 - 2.0
> 1.5
> 1.3 (Slightly Increased)





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Test Name	v	alue 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).

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	
	KIDNE	Y FUNCTION	N TEST (COMPLETE)		
UREA: SERUM by UREASE - GLUTAM	IATE DEHYDROGENASE (GLDH)	27.05	mg/dL	10.00 - 50.00	
CREATININE: SERU	JM	1.28	mg/dL	0.40 - 1.40	
BLOOD UREA NITR by CALCULATED, SPE	COGEN (BUN): SERUM	12.64	mg/dL	7.0 - 25.0	
BLOOD UREA NITR RATIO: SERUM by CALCULATED, SPE	COGEN (BUN)/CREATININE	9.88 ^L	RATIO	10.0 - 20.0	
UREA/CREATININ	E RATIO: SERUM	21.13	RATIO		
URIC ACID: SERUM by URICASE - OXIDAS		7.89 ^H	mg/dL	3.60 - 7.70	
CALCIUM: SERUM by ARSENAZO III, SPE	CTROPHOTOMETRY	10.21	mg/dL	8.50 - 10.60	
	CRUM DATE, SPECTROPHOTOMETRY	3.23	mg/dL	2.30 - 4.70	
ELECTROLYTES					
SODIUM: SERUM by ISE (ION SELECTIV	E ELECTRODE)	142.8	mmol/L	135.0 - 150.0	
POTASSIUM: SERUE by ISE (ION SELECTIV	M	4.33	mmol/L	3.50 - 5.00	
CHLORIDE: SERUM	ſ	107.1	mmol/L	90.0 - 110.0	
ESTIMATED GLOM	IERULAR FILTERATION RATE				
ESTIMATED GLOM (eGFR): SERUM by CALCULATED INTERPRETATION:	ERULAR FILTERATION RATE	77.2			

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





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Fest Name			Value	Un	it	Biolo	gical Ref	erence i	nterval
7. Urine reabsorption 3. Reduced muscle m 9. Certain drugs (e.g. NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<	ass (subnormal c tetracycline, glu 0:1) WITH ELEVA (BUN rises dispr superimposed o 0:1) WITH DECRE	stomy) creatinine productio cocorticoids) TED CREATININE LEV oportionately more n renal disease.	n) ELS :	n, GI bleeding, thy ne) (e.g. obstructive			arome, ni	Bu proter	n uiet,
7. Urine reabsorption 3. Reduced muscle m 4. Certain drugs (e.g. 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 (< 3. Pregnancy. DECREASED RATIO (< 3. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERL CKD STAGE G1	(e.g. ureter colo ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises dispr superimposed of 0:1) WITH DECRE osis. Id starvation. 2: creased urea syr urea rather than monemias (urea f inappropiate a 0:1) WITH INCRE oy (accelerates of eleases muscle of who develop ren sis (acetoacetate creased BUN/crea apy (interferes w LAR FILTERATION	stomy) creatinine productio cocorticoids) TED CREATININE LEV coportionately more n renal disease. CASED BUN : thesis. creatinine diffuses is virtually absent ir ntidiuretic harmone) ASED CREATININE: onversion of creatin reatinine). tal failure. e causes false increa tatinine ratio). vith creatinine measu I RATE: DESCRIPTION mal kidney function	n) ELS: than creatinin out of extrace a blood). due to tubula e to creatinin se in creatinin urement).	ne) (e.g. obstructive ellular fluid). ar secretion of urea e). he with certain met L/min/1.73m2) >90	e uropathy) n. hodologie: ASSOC	; resulting in n ATED FINDING proteinuria	ormal rat		
2. Urine reabsorption 3. Reduced muscle m 4. Certain drugs (e.g. NCREASED RATIO (>2 4. Postrenal azotemia 5. Prerenal azotemia 6. Acute tubular necr 7. Low protein diet ar 6. Severe liver disease 6. Other causes of de 6. Repeated dialysis (6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. 7. Phenacimide thera 8. Rhabdomyolysis (r 7. Muscular patients 7. NAPPROPIATE RATIO 6. Diabetic ketoacido 7. Node thera the severe in ther 7. STATED GLOMERL 7. STATED GLOMERL 7. CKD STAGE	(e.g. ureter colo ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises dispr superimposed of 0:1) WITH DECRE osis. Id starvation. creased urea syr urea rather than monemias (urea f inappropiate a 0:1) WITH INCRE oy (accelerates of eleases muscle of who develop rer sis (acetoacetate creased BUN/crea apy (interferes w LAR FILTERATION Norm	stomy) creatinine productio cocorticoids) TED CREATININE LEV coportionately more n renal disease. EASED BUN : thesis. creatinine diffuses is virtually absent ir ntidiuretic harmone) ASED CREATININE: onversion of creatin reatinine). tal failure. causes false increa tratinine ratio). <i>i</i> th creatinine measu I RATE: DESCRIPTION mal kidney function iney damage with	n) ELS: than creatinin out of extrace a blood). due to tubula e to creatinin se in creatinin urement).	ne) (e.g. obstructive ellular fluid). ar secretion of urea e). ne with certain met	e uropathy) n. hodologie: <u>ASSOC</u> <u>No</u> Prese	; ,resulting in ne IATED FINDING proteinuria nce of Protein ,	ormal rat		
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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)







	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Patholog		(Pathology)
NAME	: Mr. SHUBHAM		
AGE/ GENDER	: 30 YRS/MALE	PATIENT ID	: 1793383
COLLECTED BY	:	REG. NO./LAB NO.	: 012503160017
REFERRED BY	:	REGISTRATION DATE	: 16/Mar/2025 09:25 AM
BARCODE NO.	: 01527168	COLLECTION DATE	: 16/Mar/2025 09:29AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 16/Mar/2025 12:47PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Т	
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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		C hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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	01527168		LLECTION DATE	: 16/Mar/2025 09:29AM
	KOS DIAGNOSTIC LAB		PORTING DATE	: 16/Mar/2025 10:30AM
CLIENT ADDRESS :	6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PA	THOLOGY	
	URINE R	OUTINE & MICRO	DSCOPIC EXAMIN	ATION
PHYSICAL EXAMINAT	<u>FION</u>			
QUANTITY RECIEVED		10	ml	
COLOUR	ICE SPECTROPHOTOMETRY	PALE YELLO	w	PALE YELLOW
-	ICE SPECTROPHOTOMETRY	CLEAD		CLEAD
TRANSPARANCY by DIP STICK/REFLECTAN	ICE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY	ICE SPECTROPHOTOMETRY	>=1.030		1.002 - 1.030
CHEMICAL EXAMINA				
REACTION		ACIDIC		
by DIP STICK/REFLECTAN	ICE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTAN	ICE SPECTROPHOTOMETRY			
SUGAR by DIP STICK/REFLECTAN	ICE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH		<=5.0		5.0 - 7.5
BILIRUBIN	ICE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTAN	ICE SPECTROPHOTOMETRY	J.		
NITRITE by DIP STICK/REFLECTAN	ICE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN	ICE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES	ICE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
•	ICE SPECTROPHOTOMETRY			
BLOOD by DIP STICK/REFLECTAN	ICE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
	ICE SPECTROPHOTOMETRY	NEGATIVE (-	ve)	NEGATIVE (-ve)
MICROSCOPIC EXAM RED BLOOD CELLS (R		NEGATIVE (-	ve) /HPF	0 - 3
KED DLOOD CELLS (K.	DC3)	INEGATIVE (-		0-3

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				/
Test Name		Value	Unit	Biological Reference interval

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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