

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)
NAME	: Mr. SUNIL OBEROI			
AGE/ GENDER	: 46 YRS/MALE		PATIENT ID	: 1585167
COLLECTED BY	:		REG. NO./LAB NO.	: 012408200008
REFERRED BY	:		REGISTRATION DATE	: 20/Aug/2024 08:12 AM
BARCODE NO.	: 01515336		COLLECTION DATE	: 20/Aug/2024 08:16AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 20/Aug/2024 09:02AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTI		
Test Name		Value	Unit	Biological Reference interval
	SWAST	THYA WE	ELLNESS PANEL: 1.0	
	CON	IPLETE BL	OOD COUNT (CBC)	
RED BLOOD CELLS (RE	BCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)		9 ^L	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (RB0	C) COUNT	4.14	Millions/c	cmm 3.50 - 5.00
by HYDRO DYNAMIC FO	OCUSING, ELECTRICAL IMPEDENCE			
PACKED CELL VOLUM by CALCULATED BY A	E (PCV) UTOMATED HEMATOLOGY ANALYZER	29.6 ^L	%	40.0 - 54.0
MEAN CORPUSCULAR		71.4 ^L	fL	80.0 - 100.0
MEAN CORPUSCULAR	UTOMATED HEMATOLOGY ANALYZER R HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	21.8 ^L	pg	27.0 - 34.0
MEAN CORPUSCULAR	HEMOGLOBIN CONC. (MCHC)	30.5 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIBUTI		14.8	%	11.00 - 16.00
RED CELL DISTRIBUTI	. ,	39.3	fL	35.0 - 56.0
by CALCULATED BY AU MENTZERS INDEX	JTOMATED HEMATOLOGY ANALYZER	17.25	RATIO	BETA THALASSEMIA TRAIT: < 13
by CALCULATED		17.20	NATIO	IRON DEFICIENCY ANEMIA: >13.
GREEN & KING INDEX		25.6	RATIO	BETA THALASSEMIA TRAIT:<= 65
by CALCULATED WHITE BLOOD CELLS	(WBCS)			IRON DEFICIENCY ANEMIA: > 65
TOTAL LEUCOCYTE CO		2920 ^L	/cmm	4000 - 11000
NUCLEATED RED BLO		NIL		0.00 - 20.00
NUCLEATED RED BLO	OD CELLS (nRBCS) % ITOMATED HEMATOLOGY ANALYZER &	NIL	%	< 10 %
DIFFERENTIAL LEUCO	<u>CYTE COUNT (DLC)</u>			
NEUTROPHILS		55	%	50 - 70



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Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. SUNIL OBEROI **AGE/ GENDER** : 46 YRS/MALE **PATIENT ID** :1585167 **COLLECTED BY** :012408200008 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 20/Aug/2024 08:12 AM **BARCODE NO.** :01515336 **COLLECTION DATE** : 20/Aug/2024 08:16AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 20/Aug/2024 09:02AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 39 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 2 % 1-6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES % Δ 2 - 12 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS % 0 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WBC) COUNT **ABSOLUTE NEUTROPHIL COUNT** 2000 - 7500 /cmm 1606^L by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1139 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 58 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 117 80 - 880 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) /cmm 150000 - 450000 147000^L by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.16 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) fl 6.50 - 12.0 11 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 48000 /cmm 30000 - 90000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 32.4 11.0 - 45.0 PLATELET LARGE CELL RATIO (P-LCR) % by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 16.4 % 15.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

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LIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT			
est Name		Value Unit	Biological Reference interval		
	ERYTH	IROCYTE SEDIMENTATION RATE	(ESR)		
by MODIFIED WESTE	MENTATION RATE (ESR) RGREN AUTOMATED METHOD	28 ^H mm/'	1st hr 0 - 20		
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), sign	does not tell the health practitic cted by other conditions besides be used to monitor disease activ ematosus W ESR In with conditions that inhibit the	oner exactly where the inflammation is ir inflammation. For this reason, the ESR i ity and response to therapy in both of the e normal sedimentation of red blood cel bunt (leucocytosis), and some protein a	s typically used in conjunction with other test sucl ne above diseases as well as some others, such as		

NOTE:

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ESR and C - reactive protein (C-RP) are both markers of inflammation.
 Generally, ESR does not change as rapidly as does CRP, either at the start of inflammation or as it resolves.
 CRP is not affected by as many other factors as is ESR, making it a better marker of inflammation.
 If the ESR is elevated, it is typically a result of two types of proteins, globulins or fibrinogen.
 Women tend to have a higher ESR, and menstruation and pregnancy can cause temporary elevations.
 Drugs such as douting, and contractentives, pencillamine processing the populations.

6. Drugs such as dextran, methyldopa, oral contraceptives, penicillamine procainamide, theophylline, and vitamin A can increase ESR, while aspirin, cortisone, and quinine may decrease it





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	. 6940/1 NICHOLCON DOAD	AMBALA CANTT		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AWIDALA CAN I I		
CLIENT ADDRESS Test Name	: 6349/1, NICHOLSON ROAD,	Value	Unit	Biological Reference interval
		Value	Unit Y/BIOCHEMISTR	
		Value	Y/BIOCHEMISTR	

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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		y & Microbiology)	Dr. Yugam	
	Chairman & C	onsultant Pathologist	CEO & Consultant	(Pathology) Pathologist
	Mr. SUNIL OBEROI 46 YRS/MALE	PATIE	NT ID	: 1585167
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Test Name		Value	Unit	Biological Reference interval
		LIPID PROFILE :	BASIC	
CHOLESTEROL TOTAL: S by CHOLESTEROL OXIDA		154.33	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239. HIGH CHOLESTEROL: > OR = 240
TRIGLYCERIDES: SERUN by GLYCEROL PHOSPHA	N TE OXIDASE (ENZYMATIC)	304.25 ^H	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199. HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL (DIR by SELECTIVE INHIBITION	ect): serum	50.51	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL: SER by CALCULATED, SPECTR		42.97	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 CHOLESTEROL by CALCULATED, SPECTR		103.82	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: SE by CALCULATED, SPECTI		60.85 ^H	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUM		612.91	mg/dL	350.00 - 700.00
by CALCOLATED, SPECTR CHOLESTEROL/HDL RAT by CALCULATED, SPECTR	TIO: SERUM	3.06	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: SERUN by CALCULATED, SPECTR		0.85	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)

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		Chopra y & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. SUNIL OBEROI			
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD		6.02 ^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.

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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MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. SUNIL OBEROI AGE/ GENDER : 46 YRS/MALE **PATIENT ID** :1585167 **COLLECTED BY** :012408200008 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 20/Aug/2024 08:12 AM **BARCODE NO.** :01515336 **COLLECTION DATE** : 20/Aug/2024 08:16AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 20/Aug/2024 10:11AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** LIVER FUNCTION TEST (COMPLETE) **BILIRUBIN TOTAL: SERUM** 0.19 mg/dL INFANT: 0.20 - 8.00 by DIAZOTIZATION, SPECTROPHOTOMETRY ADULT: 0.00 - 1.20 0.00 - 0.40 BILIRUBIN DIRECT (CONJUGATED): SERUM 0.05 mg/dL by DIAZO MODIFIED, SPECTROPHOTOMETRY BILIRUBIN INDIRECT (UNCONJUGATED): SERUM 0.14 mg/dL 0.10 - 1.00 by CALCULATED, SPECTROPHOTOMETRY SGOT/AST: SERUM 24.7 U/L 7.00 - 45.00 by IFCC, WITHOUT PYRIDOXAL PHOSPHATE SGPT/ALT: SERUM 36.9 U/L 0.00 - 49.00 by IFCC, WITHOUT PYRIDOXAL PHOSPHATE AST/ALT RATIO: SERUM 0.67 RATIO 0.00 - 46.00 by CALCULATED, SPECTROPHOTOMETRY 122.44 ALKALINE PHOSPHATASE: SERUM U/L 40.0 - 130.0 by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL U/L GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM 0.00 - 55.0 136.08^H by SZASZ, SPECTROPHTOMETRY TOTAL PROTEINS: SERUM 6.61 gm/dL 6.20 - 8.00 by BIURET, SPECTROPHOTOMETRY ALBUMIN: SERUM 4.46 gm/dL 3.50 - 5.50 by BROMOCRESOL GREEN **GLOBULIN: SERUM** gm/dL 2.30 - 3.50 2.15^L by CALCULATED, SPECTROPHOTOMETRY

Dr. Vinay Chopra

A : G RATIO: SERUM 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
HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Increased)

2.07^H





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RATIO



1.00 - 2.00

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INTERPRETATION





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1			
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		37.41	mg/dL	10.00 - 50.00
	ATE DEHYDROGENASE (GLDH)		0	
CREATININE: SERUN	-	1.02	mg/dL	0.40 - 1.40
by ENZYMATIC, SPEC BLOOD UREA NITRO		17.48	mg/dL	7.0 - 25.0
by CALCULATED, SPE	CTROPHOTOMETRY			
	GEN (BUN)/CREATININE	17.14	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED, SPE	CTROPHOTOMETRY			
UREA/CREATININE R		36.68	RATIO	
by CALCULATED, SPE	CTROPHOTOMETRY			
URIC ACID: SERUM by URICASE - OXIDAS	EPEROYIDASE	3.71	mg/dL	3.60 - 7.70
CALCIUM: SERUM	ET ENOXIDAGE	9.57	mg/dL	8.50 - 10.60
by ARSENAZO III, SPE			, in the second s	
PHOSPHOROUS: SER	UM ATE, SPECTROPHOTOMETRY	4.43	mg/dL	2.30 - 4.70
ELECTROLYTES	ATE, SPECTROPHOTOMETRY			
SODIUM: SERUM		142.5	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV	E ELECTRODE)	172.3	THITIOI/L	133.0 - 130.0
POTASSIUM: SERUM		4.13	mmol/L	3.50 - 5.00
by ISE (ION SELECTIVI CHLORIDE: SERUM	E ELECTRODE)	106.88	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	E ELECTRODE)	100.00	mmoi/L	70.0 - 110.0
	RULAR FILTERATION RATE			
ESTIMATED GLOME	RULAR FILTERATION RATE	91.8		
(eGFR): SERUM				

by CALCULATED

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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CLIENT ADDRESS	: 6349/1, NICHOLSON	ROAD, AMBALA CANTT			
Test Name		Value	Unit	Biological	Reference interval
5. Repeated dialysis 6. Inherited hyperam 7. SIADH (syndrome o 8. Pregnancy. DECREASED RATIO (<	nd starvation. e. creased urea synthesis. (urea rather than creatini monemias (urea is virtua of inappropiate antidiuref 10:1) WITH INCREASED CR	tic harmone) due to tubula EATININE:	·		
2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIC		e).		ologies,resulting in norma	l ratio when dehydratio
 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin the 	eleases muscle creatinin who develop renal failur : sis (acetoacetate causes creased BUN/creatinine apy (interferes with crea	e). e. false increase in creatinine ratio).		ologies,resulting in norma	l ratio when dehydratio
 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin the 	eleases muscle creatinin who develop renal failur : sis (acetoacetate causes creased BUN/creatinine	e). e. false increase in creatining ratio). tinine measurement).	e with certain methodo	ologies,resulting in norma	l ratio when dehydratio
2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIC 1. Diabetic ketoacido should produce an in 2. Cephalosporin thei ESTIMATED GLOMERU CKD STAGE G1	eleases muscle creatinin who develop renal failur sis (acetoacetate causes creased BUN/creatinine apy (interferes with crea JLAR FILTERATION RATE: DESCRI Normal kidn	e). e. false increase in creatining ratio). tinine measurement). PTION GFR (mL ey function	e with certain methodo /min/1.73m2) /90	ASSOCIATED FINDINGS No proteinuria	l ratio when dehydratio
 Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin the ESTIMATED GLOMERI CKD STAGE 	eleases muscle creatinin who develop renal failur sis (acetoacetate causes creased BUN/creatinine apy (interferes with crea JLAR FILTERATION RATE: DESCRI Normal kidn Kidney dan	e). e. false increase in creatining ratio). tinine measurement). PTION GFR (mL ey function nage with	e with certain methodo /min/1.73m2) / >90 >90	ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	l ratio when dehydratio
2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIC 1. Diabetic ketoacido should produce an in 2. Cephalosporin thei ESTIMATED GLOMERU CKD STAGE G1	eleases muscle creatinin who develop renal failur sis (acetoacetate causes creased BUN/creatinine apy (interferes with crea JLAR FILTERATION RATE: DESCRI Normal kidn	e). e. false increase in creatining ratio). tinine measurement). PTION GFR (mL ey function nage with high GFR	e with certain methodo /min/1.73m2) / >90 >90	ASSOCIATED FINDINGS No proteinuria	l ratio when dehydratio

G3b

G4

G5

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

Moderate decrease in GFR

Severe decrease in GFR

Kidney failure

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

30-59

15-29

<15









	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultan	obiology) MI	m Chopra D (Pathology) nt Pathologist
NAME	: Mr. SUNIL OBEROI		
AGE/ GENDER	: 46 YRS/MALE	PATIENT ID	: 1585167
COLLECTED BY	:	REG. NO./LAB NO.	: 012408200008
REFERRED BY	:	REGISTRATION DATE	: 20/Aug/2024 08:12 AM
BARCODE NO.	: 01515336	COLLECTION DATE	: 20/Aug/2024 08:16AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 20/Aug/2024 10:11AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	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)

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



ISO 9001 : 2008 CERT	IFIED LAB		EXCELLENCE IN HEALTHCARE	& DIAGNOSTICS
	Dr. Vinay Chop MD (Pathology & M Chairman & Consult	icrobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. SUNIL OBEROI : 46 YRS/MALE : : : 01515336 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AM	RI RI CO RI	ATIENT ID EG. NO./LAB NO. EGISTRATION DATE DLLECTION DATE EPORTING DATE	: 1585167 : 012408200008 : 20/Aug/2024 08:12 AM : 20/Aug/2024 08:16AM : 20/Aug/2024 11:20AM
Test Name		Value	Unit	Biological Reference interval
		ENDOCRI FREE THYRC		
FREE THYROXINE (FT by ECLIA (ELECTROCH	4): SERUM Hemiluminescence immunoassay)	1.04	ng/dL	0.70 - 1.50
	DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIO		A CHOPRA ANT PATHOLOGIST D (PATHOLOGY)	

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com







Dr. Vinay Ch MD (Pathology & Chairman & Cons					
NAME	: Mr. SUNIL OBEROI			1505105	
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REFERRED BY	:				
BARCODE NO.	: 01515336				
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A		ING DATE	: 20/Aug/2024 09:54AM	
	. 0543/1, MEHOLSON ROAD, I	AMDALA CANT I			
Test Name		Value	Unit	Biological Reference interval	
		CLINICAL PATHO	LOGY		
	URINE R	OUTINE & MICROSCOF	PIC EXAMINAT	ΓΙΟΝ	
PHYSICAL EXAMINA	TION				
QUANTITY RECIEVE		10	ml		
	by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY				
COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		PALE YELLOW		PALE YELLOW	
		CLEAR		CLEAR	
		1.02		1.002 - 1.030	
CHEMICAL EXAMINA					
REACTION		ACIDIC			
	TANCE SPECTROPHOTOMETRY				
PROTEIN		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY	Negative			
рН		<=5.0		5.0 - 7.5	
	CTANCE SPECTROPHOTOMETRY	Nogativo			
BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		Negative		NEGATIVE (-ve)	
NITRITE		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.		Normal		0.2 1.0	
UROBILINOGEN by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0	
KETONE BODIES		Negative		NEGATIVE (-ve)	
•	TANCE SPECTROPHOTOMETRY				
BLOOD by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		Negative		NEGATIVE (-ve)	
ASCORBIC ACID		NEGATIVE (-ve)		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY	· /		× ,	

MICROSCOPIC EXAMINATION



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

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

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



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

NAME	: Mr. SUNIL OBEROI			
AGE/ GENDER	: 46 YRS/MALE	PATI	ENT ID	: 1585167
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
RED BLOOD CELLS (F	RBCs) CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)	/HPF	0 - 3
PUS CELLS		2-4	/HPF	0 - 5

	by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
Ρl	JS CELLS	2-4	/HPF	0 - 5
	by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
Eł	PITHELIAL CELLS	1-3	/HPF	ABSENT
	by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
CI	RYSTALS	NEGATIVE (-ve)		NEGATIVE (-ve)
	by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
C	ASTS	NEGATIVE (-ve)		NEGATIVE (-ve)
	by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
B	ACTERIA	NEGATIVE (-ve)		NEGATIVE (-ve)
	by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
0	THERS	NEGATIVE (-ve)		NEGATIVE (-ve)
	by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
T	RICHOMONAS VAGINALIS (PROTOZOA)	ABSENT		ABSENT
	by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			

*** End Of Report ***





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

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