



	<b>Dr. Vinay Chopr</b> MD (Pathology & Mic Chairman & Consulta	robiology)	M	m <b>Chopra</b> D (Pathology) nt Pathologist	
NAME	: Mrs. SAPNA CHHABRA				
AGE/ GENDER	: 43 YRS/FEMALE		PATIENT ID	: 1581941	
COLLECTED BY	: SURJESH		<b>REG. NO./LAB NO.</b>	:012408160013	
<b>REFERRED BY</b>	:		<b>REGISTRATION DATE</b>	: 16/Aug/2024 09:22 AM	
BARCODE NO.	: 01515132		COLLECTION DATE	: 16/Aug/2024 09:41AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 16/Aug/2024 10:22AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	SALA CANT'I			
Test Name		Value	Unit	Biological Referen	nce interval
	SWAS	THYA WE	ELLNESS PANEL: 1.0		
	CON		OOD COUNT (CBC)		
RED BLOOD CELLS (R	BCS) COUNT AND INDICES				
HAEMOGLOBIN (HB)		10.8 <sup>L</sup>	gm/dL	12.0 - 16.0	
RED BLOOD CELL (RB	C) COUNT OCUSING, ELECTRICAL IMPEDENCE	5.51 <sup>H</sup>	Millions	s/cmm 3.50 - 5.00	
PACKED CELL VOLUM		35.9 <sup>L</sup>	%	37.0 - 50.0	
MEAN CORPUSCULAR		65.2 <sup>L</sup>	fL	80.0 - 100.0	
MEAN CORPUSCULA	R HAEMOGLOBIN (MCH) utomated hematology analyzer	19.7 <sup>L</sup>	pg	27.0 - 34.0	
MEAN CORPUSCULA	R HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	30.2 <sup>L</sup>	g/dL	32.0 - 36.0	
	ION WIDTH (RDW-CV)	34.4 <sup>H</sup>	%	11.00 - 16.00	
<b>RED CELL DISTRIBUT</b>	UTOMATED HEMATOLOGY ANALYZER ION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	83.3 <sup>H</sup>	fL	35.0 - 56.0	
MENTZERS INDEX		11.83	RATIO	BETA THALASSEM IRON DEFICIENCY	
GREEN & KING INDE	{	40.91	RATIO	BETA THALASSEM	
by CALCULATED				65.0 IRON DEFICIENCY	ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>(WBCS)</u>				
TOTAL LEUCOCYTE CO	DUNT (TLC) by sf cube & microscopy	10050	/cmm	4000 - 11000	
NUCLEATED RED BLO		NIL		0.00 - 20.00	
NUCLEATED RED BLO	OD CELLS (nRBCS) % JTOMATED HEMATOLOGY ANALYZER &	NIL	%	< 10 %	
DIFFERENTIAL LEUCO	<u>CYTE COUNT (DLC)</u>				



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. SAPNA CHHABRA AGE/ GENDER : 43 YRS/FEMALE **PATIENT ID** :1581941 **COLLECTED BY** : SURJESH :012408160013 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 16/Aug/2024 09:22 AM : **BARCODE NO.** :01515132 **COLLECTION DATE** : 16/Aug/2024 09:41AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :16/Aug/2024 10:22AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** 45<sup>L</sup> **NEUTROPHILS** % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 20 - 40 36 % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS % 14<sup>H</sup> 1-6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY % 5 2 - 12 MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS % 0 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** 2000 - 7500 ABSOLUTE NEUTROPHIL COUNT 4523 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 800 - 4900 3618 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE EOSINOPHIL COUNT** 40 - 440 1407<sup>H</sup> /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 502 80 - 880 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 150000 - 450000 459000<sup>H</sup> /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.41<sup>H</sup> % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 9 MEAN PLATELET VOLUME (MPV) fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 94000<sup>H</sup> 30000 - 90000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 19.5 PLATELET LARGE CELL RATIO (P-LCR) % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.5 % 15.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED.



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	MD (Pathology & N Chairman & Consu		Dr. Yugam MD ( CEO & Consultant	(Pathology)
NAME	: Mrs. SAPNA CHHABRA			
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BARCODE NO.	:01515132	C	COLLECTION DATE	: 16/Aug/2024 09:41AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 16/Aug/2024 10:42AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	FRYTHR	OCYTE SEDIM	IENTATION RATE (ESR	0
by MODIFIED WESTERG INTERPRETATION: 1. ESR is a non-specific immune disease, but d 2. An ESR can be affect as C-reactive protein 3. This test may also bu systemic lupus eryther CONDITION WITH LOW A low ESR can be seen (polycythaemia), signifi as sickle cells in sickle NOTE: 1. ESR and C - reactive 2. Generally, ESR does 3. CRP is not affected 4. If the ESR is elevated 5. Women tend to have 6. Drugs such as dextra	IENTATION RATE (ESR) GREN AUTOMATED METHOD Is test because an elevated result of loes not tell the health practitione ted by other conditions besides in e used to monitor disease activity matosus / ESR with conditions that inhibit the n ficantly high white blood cell cou e cell anaemia) also lower the ESF protein (C-RP) are both markers of not change as rapidly as does CR by as many other factors as is ESR, d, it is typically a result of two typ e a higher ESR, and menstruation	11 often indicates there exactly where inflammation. For y and response to normal sedimenta nt (leucocytosis) cof inflammation. P, either at the si <b>making it a bette</b> bes of proteins, g and pregnancy co	mm/1st hr ne presence of inflammatio the inflammation is in the this reason, the ESR is typ to therapy in both of the ab ation of red blood cells, su , and some protein abnor tart of inflammation or as <b>er marker of inflammation</b> . lobulins or fibrinogen. an cause temporary elevat	0 - 20 on associated with infection, cancer and auto- body or what is causing it. ically used in conjunction with other test such ove diseases as well as some others, such as onch as a high red blood cell count malities. Some changes in red cell shape (such it resolves.





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CL	INICAL CHEMIST	RY/BIOCHEMISTR	Y
		GLUCOSE F.	ASTING (F)	
GLUCOSE FASTING (I by GLUCOSE OXIDAS	F): PLASMA E - PEROXIDASE (GOD-POD)	93.35	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





SO 9001 : 2008 CERTIFIED LAB		EXCELLENCE IN HEALTHCARE & DIAGNOSTICS			
Dr. Vinay Cl MD (Pathology Chairman & Co			Dr. Yugam MD ( CEO & Consultant	Pathology)	
NAME: Mrs. SAPNAAGE/ GENDER: 43 YRS/FENCOLLECTED BY: SURJESHREFERRED BY:BARCODE NO.: 01515132CLIENT CODE.: KOS DIAGNCLIENT ADDRESS: 6349/1, NIO	IALE	R R C( R	ATIENT ID EG. NO./LAB NO. EGISTRATION DATE OLLECTION DATE EPORTING DATE	: 1581941 <b>: 012408160013</b> : 16/Aug/2024 09:22 AM : 16/Aug/2024 09:41AM : 16/Aug/2024 10:41AM	
Test Name	V	/alue	Unit	Biological Reference interval	
	L	IPID PROF	ILE : BASIC		
CHOLESTEROL TOTAL: SERUM by CHOLESTEROL OXIDASE PAP	2	247.45 <sup>H</sup>	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.	
TRIGLYCERIDES: SERUM by GLYCEROL PHOSPHATE OXIDASE	(ENZYMATIC)	214.29 <sup>H</sup>	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0	
HDL CHOLESTEROL (DIRECT): SERU by SELECTIVE INHIBITION	M 7	74.94	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0	
LDL CHOLESTEROL: SERUM by CALCULATED, SPECTROPHOTOME		129.65	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, SPECTROPHOTOME		172.51 <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, SPECTROPHOTOME		12.86	mg/dL	0.00 - 45.00	
TOTAL LIPIDS: SERUM by CALCULATED, SPECTROPHOTOME	7	709.19 <sup>H</sup>	mg/dL	350.00 - 700.00	
CHOLESTEROL/HDL RATIO: SERUM by CALCULATED, SPECTROPHOTOME	3	3.3	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, SPECTROPHOTOME		1.73	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0	
		Ge	ofra		

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		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mrs. SAPNA CHHABRA			
AGE/ GENDER	: 43 YRS/FEMALE	PATI	ENT ID	: 1581941
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD		2.86 <sup>L</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
			N TEST (COMPLETE)	
BILIRUBIN TOTAL: SE by DIAZOTIZATION, SF	ERUM PECTROPHOTOMETRY	0.25	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	ONJUGATED): SERUM PECTROPHOTOMETRY	0.08	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT by CALCULATED, SPE	(UNCONJUGATED): SERUM CTROPHOTOMETRY	0.17	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	24.7	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	36.3	U/L	0.00 - 49.00
AST/ALT RATIO: SERI	M	0.68	RATIO	0.00 - 46.00
by CALCULATED, SPE ALKALINE PHOSPHA by PARA NITROPHEN PROPANOL		138.51 <sup>H</sup>	U/L	40.0 - 130.0
	TRANSFERASE (GGT): SERUM	137.45 <sup>H</sup>	U/L	0.00 - 55.0
TOTAL PROTEINS: SE	RUM	6.39	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.14	gm/dL	3.50 - 5.50
by BROMOCRESOL GI GLOBULIN: SERUM	KEEN	2.25 <sup>L</sup>	gm/dL	2.30 - 3.50
by CALCULATED, SPE	CTROPHOTOMETRY		-	
A : G RATIO: SERUM		1.84	RATIO	1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

## **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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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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Test Name		Value	Unit	Biological Reference interval		
	кі	DNEY FUNCTIO	N TEST (COMPLETE)			
UREA: SERUM		33.94	mg/dL	10.00 - 50.00		
-	MATE DEHYDROGENASE (GLDH)		ů			
CREATININE: SERUN		0.81	mg/dL	0.40 - 1.20		
by ENZYMATIC, SPECTROPHOTOMETERY BLOOD UREA NITROGEN (BUN): SERUM		15.86	mg/dL	7.0 - 25.0		
by CALCULATED, SPECTROPHOTOMETRY		10 50	DATIO	10.0.00.0		
BLOOD UREA NITRO RATIO: SERUM	DGEN (BUN)/CREATININE	19.58	RATIO	10.0 - 20.0		
by CALCULATED, SPE	ECTROPHOTOMETRY					
	RATIO: SERUM ECTROPHOTOMETRY	41.9	RATIO			
URIC ACID: SERUM	ECTROPHOTOMETRY	3.39	mg/dL	2.50 - 6.80		
by URICASE - OXIDAS	SE PEROXIDASE					
CALCIUM: SERUM	ECTROPHOTOMETRY	9.84	mg/dL	8.50 - 10.60		
PHOSPHOROUS: SEF		4.68	mg/dL	2.30 - 4.70		
-	DATE, SPECTROPHOTOMETRY					
ELECTROLYTES						
SODIUM: SERUM by ISE (ION SELECTIV	/E ELECTRODE)	139.9	mmol/L	135.0 - 150.0		
POTASSIUM: SERUN		4.48	mmol/L	3.50 - 5.00		
by ISE (ION SELECTIN	/E ELECTRODE)	104.02		00.0 110.0		
CHLORIDE: SERUM by ISE (ION SELECTIV	/E ELECTRODE)	104.93	mmol/L	90.0 - 110.0		
	RULAR FILTERATION RATE					
ESTIMATED GLOME	RULAR FILTERATION RATE	92.3				
(eGFR): SERUM						
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.



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AGE/ GENDER	: 43 YRS/FEMALE	PATIENT ID	: 1581941		
COLLECTED BY	: SURJESH	<b>REG. NO./LAB NO</b>			
REFERRED BY	:	REGISTRATION	DATE : 16/Aug/2024 09:2	22 AM	
BARCODE NO.	:01515132	COLLECTION DA	<b>FE</b> : 16/Aug/2024 09:4	1AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DAT</b>	TE : 16/Aug/2024 10:4	1AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT			
Test Name		Value U	nit Biological	Reference interval	
<ol> <li>Prerenal azotemia</li> <li>DECREASED RATIO (&lt;</li> <li>Acute tubular necr</li> <li>Low protein diet a</li> <li>Severe liver diseas</li> <li>Other causes of de</li> <li>Repeated dialysis</li> <li>Inherited hyperam</li> <li>SIADH (syndrome of</li> <li>Pregnancy.</li> <li>DECREASED RATIO (</li> <li>Rhabdomyolysis (r</li> <li>Muscular patients</li> <li>INAPPROPIATE RATIO</li> <li>Diabetic ketoacido</li> <li>should produce an ir</li> <li>Cephalosporin the</li> </ol>	nd starvation. e. ecreased urea synthesis. (urea rather than creatinine diffuse imonemias (urea is virtually absent of inappropiate antidiuretic harmon <b>10:1) WITH INCREASED CREATININE:</b> apy (accelerates conversion of creat releases muscle creatinine). who develop renal failure. bis (acetoacetate causes false incre icreased BUN/creatinine ratio). rapy (interferes with creatinine mea <u>JLAR FILTERATION RATE:</u> <u>DESCRIPTION</u> <u>Normal kidney function</u> <u>Kidney damage with</u>	es out of extracellular fluid). in blood). e) due to tubular secretion of ure ine to creatinine). ease in creatinine with certain me asurement). GFR ( mL/min/1.73m2 )	ea. ethodologies,resulting in norma ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	al ratio when dehydratio	
	normal or high GFR		Albumin or cast in urine	4	
G3a	Mild decrease in GFR			4	
G3b	Moderate decrease in G			4	
G4	Severe decrease in GFF	<u>15-29</u>		4	

G5

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

Kidney failure

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

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	<b>Dr. Vinay Chop</b> MD (Pathology & Mi Chairman & Consult	icrobiology) MI	m Chopra D (Pathology) nt Pathologist
NAME	: Mrs. SAPNA CHHABRA		
AGE/ GENDER	: 43 YRS/FEMALE	PATIENT ID	: 1581941
COLLECTED BY	: SURJESH	<b>REG. NO./LAB NO.</b>	: 012408160013
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 16/Aug/2024 09:22 AM
BARCODE NO.	:01515132	COLLECTION DATE	: 16/Aug/2024 09:41AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 16/Aug/2024 10:41AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT	
<b>-</b>			
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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CLIENT CODE.	: KOS DIAGNOSTIC LAB		PORTING DATE	: 16/Aug/2024 07:04PM	
CLIENT CODE. CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A		OKTING DATE	. 10/Aug/2024 07.04FM	
CLIENT ADDRESS	. 0549/1, MCHOLSON KOAD, I	AMDALA CANT I			
Test Name		Value	Unit	Biological Reference interv	al
		CLINICAL PA	THOLOGY		
			SCOPIC EXAMINAT	ION	
			SCOPIC EXAMININAT	ION	
PHYSICAL EXAMINAT					
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		10	ml		
COLOUR	ANCE SPECIROPHOTOMETRY	PALE YELLOW		PALE YELLOW	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY					
TRANSPARANCY		HAZY		CLEAR	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		1.02		1.002 - 1.030	
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		1.02		1.002 - 1.030	
CHEMICAL EXAMINA	TION				
REACTION		ACIDIC			
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY					
		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY SUGAR		1+		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY					
pH		6		5.0 - 7.5	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY BILIRUBIN		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY					
		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY. UROBILINOGEN		Normal	EU/dL	0.2 - 1.0	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		Horman	EO/GE	0.2	
KETONE BODIES		Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECT BLOOD	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY	ricgative			
ASCORBIC ACID		NEGATIVE (-ve	)	NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY					

**MICROSCOPIC EXAMINATION** 



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MD (Pathology & Microbiology) Chairman & Consultant Pathologist

Dr. Vinay Chopra



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

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	
CASTS	NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	
BACTERIA	NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	
OTHERS	BUDDING YEAST SEEN

OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT TRICHOMONAS VAGINALIS (PROTOZOA)

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

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

ABSENT



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NEGATIVE (-ve)

NEGATIVE (-ve)

ABSENT