



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)
NAME	: Mrs. ARZOO SARDA			
AGE/ GENDER	: 36 YRS/FEMALE		PATIENT ID	: 1716840
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012501060018
REFERRED BY	:		REGISTRATION DATE	: 06/Jan/2025 11:00 AM
BARCODE NO.	: 01523514		COLLECTION DATE	:06/Jan/202511:11AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 06/Jan/2025 11:32AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SWASTI	HYA WE	LLNESS PANEL: 1.	0
	COMP	LETE BL	DOD COUNT (CBC)	
RED BLOOD CELLS	S (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (H	B)	15.6	gm/dL	12.0 - 16.0
by CALORIMETRIC RED BLOOD CELL (RBC) COUNT	5.14 ^H	Millions	/cmm 3.50 - 5.00
by HYDRO DYNAMIC F	OCUSING, ELECTRICAL IMPEDENCE			
PACKED CELL VOLI	UME (PCV) UTOMATED HEMATOLOGY ANALYZER	48	%	37.0 - 50.0
	AR VOLUME (MCV)	93.2	fL	80.0 - 100.0
	UTOMATED HEMATOLOGY ANALYZER AR HAEMOGLOBIN (MCH)	30.4	pg	27.0 - 34.0
	UTOMATED HEMATOLOGY ANALYZER	22.6		22.0.26.0
	AR HEMOGLOBIN CONC. (MCHC)	32.6	g/dL	32.0 - 36.0
	UTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	13.7	%	11.00 - 16.00
	UTION WIDTH (RDW-SD)	47.7	fL	35.0 - 56.0
by CALCULATED BY A MENTZERS INDEX	UTOMATED HEMATOLOGY ANALYZER	18.13	RATIO	BETA THALASSEMIA TRAIT: <
by CALCULATED		10.15	KATIO	13.0
				IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INI	DEX	24.88	RATIO	>13.0 BETA THALASSEMIA TRAIT:<>
by CALCULATED				65.0
				IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CE	LLS (WBCS)			
TOTAL LEUCOCYTE	E COUNT (TLC)	7560	/cmm	4000 - 11000
		NIL		0.00 - 20.00
by FLOW CYTOMETRY	SLOOD CELLS (NKBC2)			
by FLOW CYTOMETRY NUCLEATED RED E by AUTOMATED 6 PAR	SLOOD CELLS (INBCS) RT HEMATOLOGY ANALYZER SLOOD CELLS (INBCS) %	NIL	%	< 10 %

KOS Diagnostic Lab (A Unit of KOS Healthcare)





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) 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 : Mrs. ARZOO SARDA AGE/ GENDER : 36 YRS/FEMALE **PATIENT ID** :1716840 **COLLECTED BY** : SURJESH :012501060018 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :06/Jan/2025 11:00 AM : **BARCODE NO.** :01523514 **COLLECTION DATE** :06/Jan/2025 11:11AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :06/Jan/2025 11:32AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 44^L % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 43^H LYMPHOCYTES % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 5 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 8 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 3326 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 3251 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 378 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 605 /cmm 80 - 880 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) 150000 - 450000 293000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.33 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) fL 11 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 101000^H 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 34.411.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 16.1% 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		
by RED CELL AGGRE NTERPRETATION: . ESR is a non-specif mmune disease, but	DIMENTATION RATE (ESR) GATION BY CAPILLARY PHOTOMETR ic test because an elevated resul does not tell the health practitio cted by other conditions besides	t often indicates the pre	mm/1st l sence of inflammati flammation is in the	hr 0 - 20 on associated with infection, cancer and auto-





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Test Name		Value	Unit	Biological Reference interval
	CLIN		TRY/BIOCHEMIST	TRY
		GLUCOSE	FASTING (F)	
GLUCOSE FASTING	F (F): PLASMA E - PEROXIDASE (GOD-POD)	92.42	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

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INTERPRETATION IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES: 1. A fasting plasma glucose level below 100 mg/dl is considered normal. 2. 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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





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Test Name		Value	Unit	Biological Reference interval
		I IPIN PRA	OFILE : BASIC	
CHOLESTEROL TOT	AL SERUM	185.05	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OXI		165.05	iiig/ dL	BORDERLINE HIGH: 200.0 -
				239.0
				HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SH	ERUM	103.15	mg/dL	OPTIMAL: < 150.0
	HATE OXIDASE (ENZYMATIC)		0	BORDERLINE HIGH: 150.0 -
				199.0 HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
HDL CHOLESTEROL		48.99	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBITI	ON			BORDERLINE HIGH HDL: 30.0 60.0
				HIGH HDL: $> OR = 60.0$
LDL CHOLESTEROL		115.43	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPEC	CTROPHOTOMETRY			ABOVE OPTIMAL: 100.0 - 129.0
				BORDERLINE HIGH: 130.0 - 159.0
				HIGH: 160.0 - 189.0
NON UDI CUOLECT			Ib / a	VERY HIGH: $> OR = 190.0$
NON HDL CHOLEST by CALCULATED, SPEC		136.06 ^H	mg/dL	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 CHOLESTERO		20.63	mg/dL	0.00 - 45.00
by CALCULATED, SPEC TOTAL LIPIDS: SER		473.25	mg/dL	350.00 - 700.00
by CALCULATED, SPEC		475.25	Ũ	330.00 - 700.00
CHOLESTEROL/HD		3.78	RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPEC	JIKUPHUIUMEIKY			AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0
			lation	



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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		2.36	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE	IDL RATIO: SERUM	2.11 ^L	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
BILIRUBIN TOTAL			DN TEST (COMPLETE) mg/dL	INFANT: 0.20 - 8.00
BILIRUBIN TOTAL		0.68	mg/dL	INFANT: 0.20 - 8.00
•	PECTROPHOTOMETRY	0.17	mg/dL	ADULT: 0.00 - 1.20 0.00 - 0.40
	SPECTROPHOTOMETRY	0.17	ilig/ uL	0.00 - 0.40
BILIRUBIN INDIRE	CT (UNCONJUGATED): SERUM	0.51	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	43.6	U/L	7.00 - 45.00
SGPT/ALT: SERUM		84.5 ^H	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM	0.52	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	90.77	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM	111.3 ^H	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO	SERUM	6.9	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.2	gm/dL	3.50 - 5.50
GLOBULIN: SERUN	1	2.7	gm/dL	2.30 - 3.50
A : G RATIO: SERU by CALCULATED, SPE	N	1.56	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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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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	KIDNE	Y FUNCTIO	N TEST (COMPLETE)	
UREA: SERUM		24.21	mg/dL	10.00 - 50.00
by UREASE - GLUTAN CREATININE: SER	MATE DEHYDROGENASE (GLDH)	1	TL/ mark	0.40 - 1.20
by ENZYMATIC, SPEC		1	mg/dL	0.40 - 1.20
	ROGEN (BUN): SERUM	11.31	mg/dL	7.0 - 25.0
RATIO: SERUM	ROGEN (BUN)/CREATININE	11.31	RATIO	10.0 - 20.0
UREA/CREATININ		24.21	RATIO	
URIC ACID: SERUM		6.22	mg/dL	2.50 - 6.80
CALCIUM: SERUM by ARSENAZO III, SPE		10.32	mg/dL	8.50 - 10.60
PHOSPHOROUS: SI by PHOSPHOMOLYBL	ERUM DATE, SPECTROPHOTOMETRY	4.48	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM by ISE (ION SELECTIV	/E ELECTRODE)	140.5	mmol/L	135.0 - 150.0
POTASSIUM: SERU		3.88	mmol/L	3.50 - 5.00
CHLORIDE: SERUN by ISE (ION SELECTIV	1	105.38	mmol/L	90.0 - 110.0

ESTIMATED GLOMERULAR FILTERATION RAT

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.

4. High protein intake.

5. Impaired renal function plus

6. Excess protein intake or production or tissue breakdown (e.g. infection, GI bleeding, thyrotoxicosis, Cushing's syndrome, high protein diet,



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0 9001 : 2008 CERT								
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Test Name			Value	Uni	t	Biologica	l Reference	interval
9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1	tetracycline, 0:1) WITH EL (BUN rises o superimpose 0:1) WITH DI	EVATED CREATININE lisproportionately m ed on renal disease.	LEVELS:	ine) (e.g. obstructive	uropathy).			
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	tetracycline, 0:1) WITH EL (BUN rises of superimpose 0:1) WITH DI osis. Id starvation by creased urea urea rather f monemias (u of inappropia 0:1) WITH IN py (accelerated eleases musiced who develope sis (acetoaced creased BUN apy (interfering UAR FILTERA	glucocorticoids) EVATED CREATININE disproportionately m ed on renal disease. ECREASED BUN : synthesis. than creatinine diffu trea is virtually abset te antidiuretic harmo CREASED CREATININ es conversion of cre cle creatinine). renal failure. tate causes false ind /creatinine ratio). es with creatinine m TION RATE: DESCRIPTION	LEVELS: ore than creatin ses out of extract tin blood). one) due to tubu E: atine to creatini rease in creatin easurement).	cellular fluid). lar secretion of urea. ne). ne with certain meth	nodologies,res ASSOCIATE	D FINDINGS	al ratio when	dehydratic
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	tetracycline, 0:1) WITH EL (BUN rises of superimpose 0:1) WITH DI osis. Id starvation by creased urea urea rather f monemias (u of inappropia 0:1) WITH IN py (accelerated eleases musiced who develope sis (acetoaced creased BUN apy (interfering UAR FILTERA	glucocorticoids) EVATED CREATININE disproportionately m ed on renal disease. ECREASED BUN : synthesis. than creatinine diffu trea is virtually abset te antidiuretic harmo CREASED CREATININ es conversion of cre cle creatinine). renal failure. tate causes false ind /creatinine ratio). es with creatinine m TION RATE: DESCRIPTION Normal kidney funct	LEVELS: ore than creatin ses out of extract the in blood). one) due to tubu E: atine to creatini rease in creatini easurement).	cellular fluid). lar secretion of urea. ne). ne with certain meth nL/min/1.73m2) >90	nodologies,res ASSOCIATE No pro	D FINDINGS teinuria	al ratio when	dehydratic
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	tetracycline, 0:1) WITH EL (BUN rises of superimpose 0:1) WITH DI osis. Id starvation by creased urea urea rather f monemias (u of inappropia 0:1) WITH IN py (accelerated eleases musiced who develope sis (acetoaced creased BUN apy (interfering UAR FILTERA	glucocorticoids) EVATED CREATININE disproportionately m ed on renal disease. ECREASED BUN : synthesis. than creatinine diffu trea is virtually abset te antidiuretic harmo CREASED CREATININ es conversion of cre cle creatinine). renal failure. tate causes false ind /creatinine ratio). es with creatinine m TION RATE: DESCRIPTION	LEVELS: ore than creatin ses out of extract the in blood). one) due to tubu E: atine to creatini rease in creatini easurement). GFR (r ion	cellular fluid). lar secretion of urea. ne). ne with certain meth	nodologies,res ASSOCIATE No pro Presence o	D FINDINGS	al ratio when	dehydratic
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 G1 G2 G3a	tetracycline, 0:1) WITH EL (BUN rises of superimpose 0:1) WITH DI posis. Id starvation acreased ureation acreased ureation acreased ureation acreased ureation 0:1) WITH IN py (acceleration creased BUN apy (interfering LAR FILTERA	glucocorticoids) EVATED CREATININE disproportionately m ed on renal disease. ECREASED BUN : synthesis. than creatinine diffu urea is virtually abset te antidiuretic harmo CREASED CREATININ es conversion of cre cle creatinine). renal failure. tate causes false inc /creatinine ratio). es with creatinine m TION RATE: DESCRIPTION Normal kidney funct Kidney damage wit _normal or high GFI	LEVELS: ore than creating ses out of extract the in blood). one) due to tubu E: atine to creating rease in creating reasurement). GFR (r h k k	cellular fluid). lar secretion of urea. ne). ne with certain meth nL/min/1.73m2) >90 >90 60 -89	nodologies,res ASSOCIATE No pro Presence o	D FINDINGS teinuria of Protein ,	al ratio when	dehydratic
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KOS Diagnostic Lab (A Unit of KOS Healthcare)





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

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

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Test Name		Value Unit	Biological Reference interval
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 06/Jan/2025 12:27PM
BARCODE NO.	:01523514	COLLECTION DATE	:06/Jan/2025 11:11AM
REFERRED BY	:	REGISTRATION DATI	E : 06/Jan/2025 11:00 AM
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	:012501060018
AGE/ GENDER	: 36 YRS/FEMALE	PATIENT ID	: 1716840
NAME	: Mrs. ARZOO SARDA		
	MD (Pathology & N Chairman & Consu	G, /	1D (Pathology) tant Pathologist
	Dr. Vinay Cho		am Chopra

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

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	Dr. Vinay Ch MD (Pathology & Chairman & Cor		Dr. Yugam MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mrs. ARZOO SARDA : 36 YRS/FEMALE : SURJESH : : 01523514 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD,	R R C R	PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1716840 : 012501060018 : 06/Jan/2025 11:00 AM : 06/Jan/2025 11:11AM : 06/Jan/2025 12:22PM
Test Name		Value	Unit	Biological Reference interval
		CLINICAL P	ATHOLOGY	
	URINE RO	OUTINE & MICE	ROSCOPIC EXAMINA	ATION
PHYSICAL EXAMI	NATION			
QUANTITY RECIEV	ED CTANCE SPECTROPHOTOMETRY	10	ml	
COLOUR		PALE YELL	.OW	PALE YELLOW
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY		CLEAR		CLEAR
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	1.02		1.002 - 1.030
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
REACTION		ACIDIC		
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
pH by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	6		5.0 - 7.5
BILIRUBIN by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY. UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY KETONE BODIES		Normal	EU/dL	0.2 - 1.0
		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY ASCORBIC ACID		NEGATIVE	(-ve)	NEGATIVE (-ve)
by DIP STICK/REFLEC		NEGATIVE		
MICROSCOPIC EXA RED BLOOD CELLS		NEGATIVE	(-ve) /HPF	0 - 3
000 00000	·/			



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

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NAME



Dr. Yugam Chopra Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist MD (Pathology) CEO & Consultant Pathologist : Mrs. ARZOO SARDA AGE/ GENDER : 36 YRS/FEMALE **PATIENT ID COLLECTED BY** : SURJESH REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : **COLLECTION DATE BARCODE NO.** :01523514 **CLIENT CODE.** : KOS DIAGNOSTIC LAB **REPORTING DATE CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT

:1716840 :012501060018 :06/Jan/2025 11:00 AM :06/Jan/2025 11:11AM :06/Jan/2025 12:22PM

Test Name	Value	Unit	Biological Reference interval
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-4	/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



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

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