



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)	M	am Chopra 1D (Pathology) ant Pathologist	
NAME	: Mrs. RUBY SAHNI				
AGE/ GENDER	: 50 YRS/FEMALE		PATIENT ID	: 1729916	
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	:012501210030	
REFERRED BY	:		REGISTRATION DATE	: 21/Jan/2025 11:45 AM	
BARCODE NO.	: 01524190		COLLECTION DATE	: 21/Jan/2025 12:19PM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 21/Jan/2025 12:45PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT			
Test Name		Value	Unit	Biological Reference inte	erval
	SWAST	HVA WF	LLNESS PANEL: 1.	10	
			OOD COUNT (CBC)		
RED BLOOD CELLS	<u>S (RBCS) COUNT AND INDICES</u>				
HAEMOGLOBIN (H		12.7	gm/dL	12.0 - 16.0	
by CALORIMETRIC		4.07	Ű		
RED BLOOD CELL (by HYDRO DYNAMIC F	KBC) COUN I OCUSING, ELECTRICAL IMPEDENCE	4.87	Millions	ns/cmm 3.50 - 5.00	
PACKED CELL VOL	UME (PCV) UTOMATED HEMATOLOGY ANALYZER	39.8	%	37.0 - 50.0	
MEAN CORPUSCUL	AR VOLUME (MCV)	81.8	fL	80.0 - 100.0	
	UTOMATED HEMATOLOGY ANALYZER AR HAEMOGLOBIN (MCH)	26.1 ^L	pg	27.0 - 34.0	
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER				
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	31.9 ^L	g/dL	32.0 - 36.0	
RED CELL DISTRIB	UTION WIDTH (RDW-CV)	14.8	%	11.00 - 16.00	
	UTOMATED HEMATOLOGY ANALYZER UTION WIDTH (RDW-SD)	45.6	fL	35.0 - 56.0	
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER				
MENTZERS INDEX by CALCULATED		16.8	RATIO	BETA THALASSEMIA TR 13.0	2AIT: <
				IRON DEFICIENCY ANE	MIA:
GREEN & KING INI)EX	24.88	RATIO	>13.0 BETA THALASSEMIA TR	-م.۱エ۰~-
by CALCULATED		24.00	KATIO	65.0	
				IRON DEFICIENCY ANE 65.0	//IA: >
WHITE BLOOD CE	LLS (WBCS)			00.0	
TOTAL LEUCOCYTE	E COUNT (TLC)	9880	/cmm	4000 - 11000	
	Y BY SF CUBE & MICROSCOPY BLOOD CELLS (nRBCS)	NIL		0.00 - 20.00	
	RT HEMATOLOGY ANALYZER			0.00 - 20.00	
	BLOOD CELLS (nRBCS) %	NIL	%	< 10 %	
Sy UNLOULATED DY A	U I OWATED HEIVIATOLOGT AIVALTZER				





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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. RUBY SAHNI **AGE/ GENDER** : 50 YRS/FEMALE **PATIENT ID** :1729916 **COLLECTED BY** : SURJESH :012501210030 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 21/Jan/2025 11:45 AM : **BARCODE NO.** :01524190 **COLLECTION DATE** : 21/Jan/2025 12:19PM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 21/Jan/2025 12:45PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 65 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 29 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 2 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 4 % 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 6422 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2865 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 198 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 395 /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 321000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.39^H % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) fL 12^H 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm 138000^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 43 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 16.7% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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Test Name	Va	lue Unit	Biological Reference interval



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LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTI	r	
est Name		Value	Unit	Biological Reference interval
vstemic lupus erythe DNDITION WITH LOV low ESR can be see	ematosus N ESR n with conditions that inhibit the	normal sedime	ntation of red blood cells, s	bove diseases as well as some others, such as uch as a high red blood cell count
olycythaemia), sigr s sickle cells in sickl	ificantly high white blood cell cc e cell anaemia) also lower the E e protein (C-RP) are both markers	ount (leucocytos SR.	is) , and some protein abno	ormalities. Šome changes in red cell shape (sucl
OTE:	e protein (C-RP) are potri markers	RP, either at the		





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	D, AMBALA CANT	ſ	
Test Name		Value	Unit	Biological Reference interval
	CLINI		STRY/BIOCHEMIST E FASTING (F)	'nY
GLUCOSE FASTING	G (F): PLASMA E - PEROXIDASE (GOD-POD)	89.55	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROF	TLF · BASIC	
CHOLESTEROL TO	TAL · SERIM	116.3	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL O		110.5	ing/ uL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM HATE OXIDASE (ENZYMATIC)	109.51	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
HDL CHOLESTERO by SELECTIVE INHIBIT	L (DIRECT): SERUM ion	36.73	mg/dL	VERY HIGH: > OR = 500.0 LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTERO by CALCULATED, SPE		57.67	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0
NON HDL CHOLES' by calculated, spe		79.57	mg/dL	VERY HIGH: > OR = 190.0 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 CHOLESTER(21.9	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SEF	RUM	342.11 ^L	mg/dL	350.00 - 700.00
CHOLESTEROL/HE by CALCULATED, SPE	DL RATIO: SERUM	3.17	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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		1.57	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	2.98 ^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
			N TEST (COMPLETE)	
BILIRUBIN TOTAL	: SERUM PECTROPHOTOMETRY	0.32	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	C (CONJUGATED): SERUM	0.11	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE	CT (UNCONJUGATED): SERUM	0.21	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	23	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	32.6	U/L	0.00 - 49.00
AST/ALT RATIO: SI		0.71	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	IATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	107.58	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM PHTOMETRY	16.09	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		6.85	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G		4.18	gm/dL	3.50 - 5.50
GLOBULIN: SERUM		2.67	gm/dL	2.30 - 3.50
A : G RATIO: SERUN by CALCULATED, SPE		1.57	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:

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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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
	KIDNE	Y FUNCTION	TEST (COMPLETE)	
UREA: SERUM		22.07	mg/dL	10.00 - 50.00
	ATE DEHYDROGENASE (GLDH)		Ũ	
CREATININE: SERU by ENZYMATIC, SPEC		0.94	mg/dL	0.40 - 1.20
-	ROGEN (BUN): SERUM	10.31	mg/dL	7.0 - 25.0
by CALCULATED, SPE		10.07		10.0.00.0
BLOOD UREA NITH RATIO: SERUM	ROGEN (BUN)/CREATININE	10.97	RATIO	10.0 - 20.0
by CALCULATED, SPE	ECTROPHOTOMETRY			
UREA/CREATININ		23.48	RATIO	
by CALCULATED, SPE URIC ACID: SERUM		6.77	mg/dL	2.50 - 6.80
by URICASE - OXIDAS		0.77	ilig/ uL	2.00 - 0.00
CALCIUM: SERUM		9.59	mg/dL	8.50 - 10.60
by ARSENAZO III, SPE PHOSPHOROUS: SE		3.47	mg/dL	2.30 - 4.70
by PHOSPHOMOLYBE	DATE, SPECTROPHOTOMETRY	0.11	ing, all	
<u>ELECTROLYTES</u>				
SODIUM: SERUM by ISE (ION SELECTIV		139.65	mmol/L	135.0 - 150.0
POTASSIUM: SERU		3.85	mmol/L	3.50 - 5.00
by ISE (ION SELECTIV	(E ELECTRODE)			
CHLORIDE: SERUN by ISE (ION SELECTIV		104.74	mmol/L	90.0 - 110.0
	IERULAR FILTERATION RATE			
	ERULAR FILTERATION RATE	73.9		

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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Test Name			Value	Uni	it	Biolog	gical Referen	ence interva
INCREASED RATIO (>2 1. Postrenal azotemia	a (BUN rises disp	TED CREATININE LEVEN	_S:	e) (e.g. obstructive	e uropathy	y).		
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in	20:1) WITH ELEVA a (BUN rises disp superimposed of 10:1) WITH DECR osis. and starvation. e. creased urea syn (urea rather than monemias (urea of inappropiate a 10:1) WITH INCRI upy (accelerates eleases muscle of who develop re sis (acetoacetat creased BUN/cre rapy (interferes of JLAR FILTERATIO	cocorticoids) ITED CREATININE LEVEI roportionately more th n renal disease. EASED BUN : In thesis. In creatinine diffuses ou is virtually absent in th intidiuretic harmone) of EASED CREATININE: conversion of creatine creatinine). hal failure. the causes false increase extinine ratio). vith creatinine measur N RATE: DESCRIPTION mal kidney function dney damage with	S: han creatining ut of extraced blood). due to tubula to creatining enent).	llular fluid). Ir secretion of urea	a. hodologie ASSO N Preso	es,resulting in no CIATED FINDINGS o proteinuria ence of Protein ,	<u>s</u>	/hen dehydra
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin there ESTIMATED GLOMERI CKD STAGE G1 G2	20:1) WITH ELEVA a (BUN rises disp superimposed of 10:1) WITH DECR osis. and starvation. e. creased urea syl (urea rather that monemias (urea of inappropiate a 10:1) WITH INCRI upy (accelerates eleases muscle of who develop re- sis (acetoacetat creased BUN/cr- rapy (interferes v JLAR FILTERATIO	cocorticoids) ITED CREATININE LEVEI roportionately more th n renal disease. EASED BUN : In thesis. In creatinine diffuses out is virtually absent in the ntidiuretic harmone) of EASED CREATININE: conversion of creatine creatinine). hal failure. The causes false increase eatinine ratio). with creatinine measure N RATE: DESCRIPTION mal kidney function dney damage with prmal or high GFR.	S: han creatining ut of extracely blood). due to tubula to creatining ement). GFR (mL	Ilular fluid). ar secretion of urea e). e with certain meth /min/1.73m2) >90 >90	a. hodologie ASSO N Presi	es,resulting in no CIATED FINDINGS o proteinuria	<u>s</u>	/hen dehydra
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERI CKD STAGE G1 G2 G3a	20:1) WITH ELEVA a (BUN rises disp superimposed of 10:1) WITH DECR osis. and starvation. e. creased urea syl (urea rather that monemias (urea of inappropiate a 10:1) WITH INCRI upy (accelerates eleases muscle of who develop re sis (acetoacetat creased BUN/cru- rapy (interferes of JLAR FILTERATIO	cocorticoids) ITED CREATININE LEVEI roportionately more th n renal disease. EASED BUN : In thesis. In creatinine diffuses out is virtually absent in the ntidiuretic harmone) of EASED CREATININE: conversion of creatine creatinine). hal failure. The causes false increase eatinine ratio). with creatinine measure N RATE: DESCRIPTION mal kidney function dney damage with ormal or high GFR Id decrease in GFR	S: han creatining ut of extracely blood). due to tubula to creatining ement). GFR (mL	Ilular fluid). Ir secretion of urea e). e with certain method <u>/min/1.73m2)</u> >90 >90 60 -89	a. hodologie ASSO N Presi	es,resulting in no CIATED FINDINGS o proteinuria ence of Protein ,	<u>s</u>	/hen dehydra
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERI CKD STAGE G1 G2	20:1) WITH ELEVA a (BUN rises disp superimposed of 10:1) WITH DECR osis. and starvation. e. creased urea syl (urea rather that monemias (urea of inappropiate a 10:1) WITH INCRI upy (accelerates eleases muscle of who develop re- eleases muscle of who develop re- sis (acetoacetat creased BUN/cm apy (interferes v <u>JLAR FILTERATIO</u> Nor Ki Nor Mod	cocorticoids) ITED CREATININE LEVEI roportionately more th n renal disease. EASED BUN : In thesis. In creatinine diffuses out is virtually absent in the ntidiuretic harmone) of EASED CREATININE: conversion of creatine creatinine). hal failure. The causes false increase eatinine ratio). with creatinine measure N RATE: DESCRIPTION mal kidney function dney damage with prmal or high GFR.	S: han creatining ut of extracely blood). due to tubula to creatining ement). GFR (mL	Ilular fluid). ar secretion of urea e). e with certain meth /min/1.73m2) >90 >90	a. hodologie ASSO N Presi	es,resulting in no CIATED FINDINGS o proteinuria ence of Protein ,	<u>s</u>	/hen dehydra





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	Dr. Vinay Chopra MD (Pathology & Microbiole Chairman & Consultant Path		(Pathology)
NAME	: Mrs. RUBY SAHNI		
AGE/ GENDER	: 50 YRS/FEMALE	PATIENT ID	: 1729916
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012501210030
REFERRED BY	:	REGISTRATION DATE	: 21/Jan/2025 11:45 AM
BARCODE NO.	: 01524190	COLLECTION DATE	: 21/Jan/2025 12:19PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 21/Jan/2025 02:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA C	ANTT	
Test Name	Valu	ie 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) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST

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	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist	Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist		
NAME: Mrs. RUBYAGE/ GENDER: 50 YRS/FEICOLLECTED BY: SURJESHREFERRED BY:BARCODE NO.: 01524190CLIENT CODE.: KOS DIAGNCLIENT ADDRESS: 6349/1, NI	MALE I	PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1729916 : 012501210030 : 21/Jan/2025 11:45 AM : 21/Jan/2025 12:19PM : 21/Jan/2025 12:41PM	
Test Name	Value	Unit	Biological Reference interval	
	CLINICAL I	PATHOLOGY		
	URINE ROUTINE & MIC		ATION	
PHYSICAL EXAMINATION				
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPECTR	10 10	ml		
COLOUR	AMBER YE	CLLOW	PALE YELLOW	
by DIP STICK/REFLECTANCE SPECTR TRANSPARANCY	CLEAR		CLEAR	
by DIP STICK/REFLECTANCE SPECTR SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTR	1.01		1.002 - 1.030	
CHEMICAL EXAMINATION				
REACTION by DIP STICK/REFLECTANCE SPECTR	OPHOTOMETRY			
PROTEIN by DIP STICK/REFLECTANCE SPECTR	Negative		NEGATIVE (-ve)	
SUGAR	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTR	6		5.0 - 7.5	
by DIP STICK/REFLECTANCE SPECTR BILIRUBIN	<i>OPHOTOMETRY</i> Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTR NITRITE	<i>OPHOTOMETRY</i> Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTR UROBILINOGEN	OPHOTOMETRY. Normal	EU/dL	0.2 - 1.0	
by DIP STICK/REFLECTANCE SPECTR KETONE BODIES	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTR BLOOD	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTR ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTR MICROSCOPIC EXAMINATION	OPHOTOMETRY NEGATIVE	: (-ve)	NEGATIVE (-ve)	
RED BLOOD CELLS (RBCs)	NEGATIVE	(-ve) /HPF	0 - 3	



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



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AI	MBALA CANT	Т		
Test Name		Value	Unit	Biological Reference interval	
by MICROSCOPY ON	CENTRIFUGED URINARY SEDIMENT				
PUS CELLS	CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5	

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-5	/ ПРГ	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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