



	<b>Dr. Vinay Chopr</b> MD (Pathology & Mic Chairman & Consulta	robiology)		(Pathology)
NAME	: Mrs. PRABHJOT KAUR			
AGE/ GENDER	: 58 YRS/FEMALE		PATIENT ID	: 1644671
<b>COLLECTED BY</b>	:		REG. NO./LAB NO.	: 012410160003
<b>REFERRED BY</b>	:		<b>REGISTRATION DATE</b>	: 16/Oct/2024 07:14 AM
BARCODE NO.	: 01518961		COLLECTION DATE	: 16/Oct/2024 07:23AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB	ALA CANTT	REPORTING DATE	: 16/Oct/2024 09:05AM
Test Name		Value	Unit	Biological Reference interval
	SWAS	τηλα Με	LLNESS PANEL: 1.0	
			DOD COUNT (CBC)	
RED BLOOD CELLS (R	BCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)		12.4	gm/dL	12.0 - 16.0
RED BLOOD CELL (RB	C) COUNT DCUSING, ELECTRICAL IMPEDENCE	4.59	Millions/c	mm 3.50 - 5.00
PACKED CELL VOLUM	E (PCV)	40.2	%	37.0 - 50.0
MEAN CORPUSCULAR	. ,	87.6	fL	80.0 - 100.0
MEAN CORPUSCULAR	UTOMATED HEMATOLOGY ANALYZER R HAEMOGLOBIN (MCH)	27.1	pg	27.0 - 34.0
MEAN CORPUSCULAR	UTOMATED HEMATOLOGY ANALYZER R HEMOGLOBIN CONC. (MCHC)	30.8 <sup>L</sup>	g/dL	32.0 - 36.0
<b>RED CELL DISTRIBUTI</b>	UTOMATED HEMATOLOGY ANALYZER ON WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	13.6	%	11.00 - 16.00
RED CELL DISTRIBUTI	ON WIDTH (RDW-SD)	45.6	fL	35.0 - 56.0
by CALCULATED BY AU MENTZERS INDEX by CALCULATED	JTOMATED HEMATOLOGY ANALYZER	19.08	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDE	K	26.04	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>(WBCS)</u>			
TOTAL LEUCOCYTE CO	DUNT (TLC) by sf cube & microscopy	7800	/cmm	4000 - 11000
NUCLEATED RED BLO		NIL		0.00 - 20.00
NUCLEATED RED BLO	OD CELLS (nRBCS) % JTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %
NEUTROPHILS	BY SF CUBE & MICROSCOPY	46 <sup>L</sup>	%	50 - 70





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







Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. PRABHJOT KAUR **AGE/ GENDER** : 58 YRS/FEMALE **PATIENT ID** :1644671 **COLLECTED BY** :012410160003 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 16/Oct/2024 07:14 AM **BARCODE NO. COLLECTION DATE** : 16/Oct/2024 07:23AM :01518961 CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 16/Oct/2024 09:05AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** LYMPHOCYTES 44<sup>H</sup> % 20 - 40by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 3 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES % 7 2 - 12 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** 3588 ABSOLUTE NEUTROPHIL COUNT /cmm 2000 - 7500 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 3432 /cmm 800 - 4900 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 40 - 440 234 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 546 /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) 266000 /cmm 150000 - 450000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.33 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 12<sup>H</sup> 6.50 - 12.0 fl by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 30000 - 90000 /cmm 116000<sup>H</sup> by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 43.6 % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 16.7 % 15.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



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Test Name			Value	Unit	Biological Reference interva	l
		ERYTH	IROCYTE SEDII	VENTATION RATE (ES	SR)	
ERYTHROCYTE SEDIN by RED CELL AGGREG		TE (ESR)	20	mm/1st		
ystemic lupus erytho CONDITION WITH LOV A low ESR can be see polycythaemia), sigr is sickle cells in sickl NOTE: . ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha	ematosus <b>W ESR</b> n with condition ificantly high wh e cell anaemia) a e protein (C-RP) a is not change as <b>by as many othe</b> ed, it is typically ve a higher ESR, ran, methyldopa	s that inhibit the nite blood cell co also lower the Es are both markers rapidly as does C <b>er factors as is ESI</b> a result of two ty and menstruatio o, oral contracep	e normal sedimen ount (leucocytosis SR. s of inflammation CRP, either at the <b>R, making it a bet</b> ypes of proteins, in and pregnancy	tation of red blood cells, s), and some protein abn start of inflammation or a <b>ter marker of inflammatio</b> globulins or fibrinogen. can cause temporary elev	on.	(such





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Test Name		Value	Unit	Biological Reference interval
	CLIN	ICAL CHEMISTR	Y/BIOCHEMISTR	Y
		GLUCOSE FA	STING (F)	
	F): PLASMA	89.5	mg/dL	NORMAL: < 100.0

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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MD (Pat		ay Chopra Dr. Yugam Chopra hology & Microbiology) MD (Pathology) h & Consultant Pathologist CEO & Consultant Pathologist		
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	6349/1, NICHOLSON ROAI		URTING DATE	. 10/ OCU 2024 10.13AM
est Name		Value	Unit	Biological Reference interval
		LIPID PROFILE	E : BASIC	
HOLESTEROL TOTAL: S	ERUM	198.66	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OXIDA	SE PAP		Ĵ	BORDERLINE HIGH: 200.0 - 239 HIGH CHOLESTEROL: > OR = 24
RIGLYCERIDES: SERUN		135.32	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSPHA	E OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 - 199 HIGH: 200.0 - 499.0
				VERY HIGH: > OR = 500.0
IDL CHOLESTEROL (DIR	ECT): SERUM	52.02	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBITION	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		5	BORDERLINE HIGH HDL: 30.0 -
				60.0
		110 50	<i>/</i>	HIGH HDL: $> OR = 60.0$
DL CHOLESTEROL: SER by CALCULATED, SPECTE		119.58	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0
<i>by 0/12002/1120, 0/ 2011</i>				BORDERLINE HIGH: 130.0 - 129.0
				HIGH: 160.0 - 189.0
				VERY HIGH: > OR = 190.0
ION HDL CHOLESTERO		146.64 <sup>H</sup>	mg/dL	<b>OPTIMAL:</b> < 130.0
by CALCULATED, SPECT	ROPHOTOMETRY			ABOVE OPTIMAL: 130.0 - 159.0
				BORDERLINE HIGH: 160.0 - 184 HIGH: 190.0 - 219.0
				VERY HIGH: > OR = 220.0
LDL CHOLESTEROL: SE	RUM	27.06	mg/dL	0.00 - 45.00
by CALCULATED, SPECTR				
OTAL LIPIDS: SERUM by CALCULATED, SPECTE		532.64	mg/dL	350.00 - 700.00
CHOLESTEROL/HDL RAT		3.82	RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPECT		3.02		AVERAGE RISK: 4.50 - 7.0
				MODERATE RISK: 7.10 - 11.0
	_			HIGH RISK: > 11.0
DL/HDL RATIO: SERUN by CALCULATED, SPECTE		2.3	RATIO	LOW RISK: 0.50 - 3.0
by UALOULATED, SPECT				MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0

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Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD	L RATIO: SERUM	2.6 <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
	LIV	ER FUNCTION T	EST (COMPLETE)	
BILIRUBIN TOTAL: S by diazotization, SI		0.43	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	CONJUGATED): SERUM	0.11	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT	(UNCONJUGATED): SERUM	0.32	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	42.55	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	46.24	U/L	0.00 - 49.00
AST/ALT RATIO: SER by CALCULATED, SPE		0.92	RATIO	0.00 - 46.00
ALKALINE PHOSPHA by para nitrophen propanol	TASE: SERUM YL PHOSPHATASE BY AMINO METHYL	111.11	U/L	40.0 - 130.0
GAMMA GLUTAMYL by SZASZ, SPECTROF	. TRANSFERASE (GGT): SERUM PHTOMETRY	40.79	U/L	0.00 - 55.0
TOTAL PROTEINS: SE by BIURET, SPECTRO		6.91	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G	REEN	4.2	gm/dL	3.50 - 5.50
GLOBULIN: SERUM		2.71	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPE		1.55	RATIO	1.00 - 2.00

<u>INTERPRETATION</u> 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





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HEPATOCELLULAR C	ARCINOMA & CHRONIC HEPATITIS		> 1.3 (Slightly Incre	eased)

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).

PROGNOSTIC SIGNIFICANCE:

NORMAL	< 0.65
GOOD PROGNOSTIC SIGN	0.3 - 0.6
POOR PROGNOSTIC SIGN	1.2 - 1.6

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	кі	DNEY FUNCTION TES	ST (COMPLETE)	
UREA: SERUM		18.67	mg/dL	10.00 - 50.00
CREATININE: SERUN	IATE DEHYDROGENASE (GLDH) 1	0.71	mg/dL	0.40 - 1.20
by ENZYMATIC, SPEC	TROPHOTOMETERY			
BLOOD UREA NITRO by CALCULATED, SPE		8.72	mg/dL	7.0 - 25.0
BLOOD UREA NITRO	GEN (BUN)/CREATININE	12.28	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED, SPE	CTROPHOTOMETRY			
UREA/CREATININE F	RATIO: SERUM	26.3	RATIO	
by CALCULATED, SPE URIC ACID: SERUM	CTROPHOTOMETRY	5.79	mg/dL	2.50 - 6.80
by URICASE - OXIDAS	E PEROXIDASE			
CALCIUM: SERUM by ARSENAZO III, SPE	CTROPHOTOMETRY	9.27	mg/dL	8.50 - 10.60
PHOSPHOROUS: SER	UM	3.41	mg/dL	2.30 - 4.70
by PHOSPHOMOLYBE ELECTROLYTES	DATE, SPECTROPHOTOMETRY			
SODIUM: SERUM		143.5	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV				
POTASSIUM: SERUN by ISE (ION SELECTIV		4.26	mmol/L	3.50 - 5.00
CHLORIDE: SERUM		107.63	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	E ELECTRODE) RULAR FILTERATION RATE			
	RULAR FILTERATION RATE	98.5		
(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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Test Name		Value	Uni	t I	Biological Reference inter	rval
<ol> <li>Reduced muscle m</li> <li>Certain drugs (e.g. INCREASED RATIO (&gt;2</li> <li>Postrenal azotemia</li> <li>Prerenal azotemia</li> </ol>	xia, high fever). (e.g. ureter colostomy) ass (subnormal creatinir tetracycline, glucocortic <b>0:1) WITH ELEVATED CRE</b> (BUN rises disproportio superimposed on renal (	ne production) oids) <b>ATININE LEVELS:</b> nately more than creatir disease.			's syndrome, high protein d	diet,
7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal 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 (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther	xia, high fever). (e.g. ureter colostomy) ass (subnormal creatinin tetracycline, glucocortic <b>0:1) WITH ELEVATED CRE</b> (BUN rises disproportio superimposed on renal ( <b>0:1) WITH DECREASED B</b> osis. Ind starvation. 2. creased urea synthesis. urea rather than creatin monemias (urea is virtual of inappropiate antidiure <b>0:1) WITH INCREASED CF</b> py (accelerates conversi- eleases muscle creatinine who develop renal failure <b>0:1) WITH INCREASED CF</b> py (accelerates conversi- eleases muscle creatinine who develop renal failure <b>1:</b> sis (acetoacetate causes creased BUN/creatinine apy (interferes with creatinine apy (interferes with creatinine) <b>10500000000000000000000000000000000000</b>	e production) oids) ATININE LEVELS: nately more than creatin disease. UN : ine diffuses out of extra ally absent in blood). tic harmone) due to tubu REATININE: on of creatine to creatini e). e. false increase in creatin ratio). tinine measurement). PTION GFR (1 ey function GFR (1)	iine) (e.g. obstructive cellular fluid). ular secretion of urea. ine).	uropathy). nodologies,resultin ASSOCIATED FIN No proteinu Presence of Pro	ıg in normal ratio when deł <u>NDINGS</u> uria otein ,	
7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal 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 (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERU G1 G2	xia, high fever). (e.g. ureter colostomy) ass (subnormal creatinin tetracycline, glucocortic <b>0:1) WITH ELEVATED CRE</b> (BUN rises disproportio superimposed on renal ( <b>0:1) WITH DECREASED B</b> osis. Id starvation. e. creased urea synthesis. urea rather than creatin monemias (urea is virtual of inappropiate antidiure <b>0:1) WITH INCREASED CF</b> py (accelerates conversi- eleases muscle creatinine who develop renal failure <b>0:1) WITH INCREASED CF</b> py (accelerates conversi- eleases muscle creatinine who develop renal failure <b>0:1) CREASED CF</b> py (accelerates conversi- eleases muscle creatinine apy (interferes with creatinine) <b>1000</b>	e production) oids) ATININE LEVELS: nately more than creatin disease. UN : ine diffuses out of extra ally absent in blood). tic harmone) due to tubu REATININE: on of creatine to creatini e). e. false increase in creatin ratio). tinine measurement). PTION GFR (1 ey function nage with high GFR	ine) (e.g. obstructive cellular fluid). Jar secretion of urea ine). ine with certain meth <u>mL/min/1.73m2 ) &gt;90 &gt;90</u>	uropathy). nodologies,resultin <u>ASSOCIATED FIN</u> No proteinu	ıg in normal ratio when deł <u>NDINGS</u> uria otein ,	
7. Urine reabsorption 8. Reduced muscle m 9. 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 (< 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	xia, high fever). (e.g. ureter colostomy) ass (subnormal creatinin tetracycline, glucocortic <b>0:1) WITH ELEVATED CRE</b> (BUN rises disproportio superimposed on renal ( <b>0:1) WITH DECREASED B</b> osis. Ind starvation. 2. creased urea synthesis. urea rather than creatin monemias (urea is virtual of inappropiate antidiure <b>0:1) WITH INCREASED CF</b> py (accelerates conversi- eleases muscle creatinine who develop renal failure <b>0:1) WITH INCREASED CF</b> py (accelerates conversi- eleases muscle creatinine who develop renal failure <b>1:</b> sis (acetoacetate causes creased BUN/creatinine apy (interferes with creatinine apy (interferes with creatinine) <b>10500000000000000000000000000000000000</b>	the production) oids) ATININE LEVELS: nately more than creating disease. UN : UN : ine diffuses out of extra ally absent in blood). tic harmone) due to tubu REATININE: on of creatine to creatini e). e. false increase in creatini ratio). tinine measurement). PTION GFR (1) ey function nage with high GFR ase in GFR	ine) (e.g. obstructive cellular fluid). Jar secretion of urea ine). ine with certain meth mL/min/1.73m2) >90	uropathy). nodologies,resultin ASSOCIATED FIN No proteinu Presence of Pro	ıg in normal ratio when deł <u>NDINGS</u> uria otein ,	

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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 Chopra</b> MD (Pathology & Microbiolo Chairman & Consultant Path		(Pathology)
NAME	: Mrs. PRABHJOT KAUR		
AGE/ GENDER	: 58 YRS/FEMALE	PATIENT ID	: 1644671
COLLECTED BY	:	REG. NO./LAB NO.	: 012410160003
REFERRED BY	:	<b>REGISTRATION DATE</b>	: 16/Oct/2024 07:14 AM
BARCODE NO.	: 01518961	<b>COLLECTION DATE</b>	: 16/Oct/2024 07:23AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 16/Oct/2024 10:15AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	ANTT	
Test Name	Value	e 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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<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Pathologist		MD	Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist	
NAME : Mrs. PRABHJOT	ſKAUR			
AGE/ GENDER : 58 YRS/FEMALE	E PA	ATIENT ID	: 1644671	
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<b>BARCODE NO.</b> : 01518961		DLLECTION DATE	: 16/Oct/2024 07:23AM	
<b>CLIENT CODE.</b> : KOS DIAGNOSTI		EPORTING DATE	: 16/Oct/2024 09:48AM	
	LSON ROAD, AMBALA CANTT			
Test Name	Value	Unit	Biological Reference interval	
	CLINICAL PA	ATHOLOGY		
	URINE ROUTINE & MICR			
PHYSICAL EXAMINATION				
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPECTROPHO	10	ml		
COLOUR	PALE YELLOV	v	PALE YELLOW	
by DIP STICK/REFLECTANCE SPECTROPHO	TOMETRY			
TRANSPARANCY	HAZY		CLEAR	
by DIP STICK/REFLECTANCE SPECTROPHO SPECIFIC GRAVITY	1.02		1.002 - 1.030	
by DIP STICK/REFLECTANCE SPECTROPHO			1.002 - 1.000	
CHEMICAL EXAMINATION				
REACTION	ACIDIC			
by DIP STICK/REFLECTANCE SPECTROPHO				
PROTEIN by DIP STICK/REFLECTANCE SPECTROPHO	Negative		NEGATIVE (-ve)	
SUGAR	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHO				
	<=5.0		5.0 - 7.5	
by DIP STICK/REFLECTANCE SPECTROPHO BILIRUBIN	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHO				
NITRITE	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHO		ETT/41	0.2 1.0	
UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHO	Normal TOMETRY	EU/dL	0.2 - 1.0	
KETONE BODIES	Negative		NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHO	TOMETRY			
BLOOD by DIP STICK/REFLECTANCE SPECTROPHO	Negative		NEGATIVE (-ve)	
ASCORBIC ACID	NEGATIVE (-	ve)	NEGATIVE (-ve)	
by DIP STICK/REFLECTANCE SPECTROPHO			× ,	

MICROSCOPIC EXAMINATION

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

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Dr. Vinay Chopra

MD (Pathology & Microbiology)

EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

Dr. Yugam Chopra MD (Pathology)

ABSENT

Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. PRABHJOT KAUR AGE/ GENDER : 58 YRS/FEMALE **PATIENT ID** :1644671 **COLLECTED BY** REG. NO./LAB NO. :012410160003 **REFERRED BY REGISTRATION DATE** : 16/Oct/2024 07:14 AM **BARCODE NO.** :01518961 **COLLECTION DATE** : 16/Oct/2024 07:23AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 16/Oct/2024 09:48AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** NEGATIVE (-ve) **RED BLOOD CELLS (RBCs)** /HPF 0 - 3 by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT PUS CELLS 3-5 /HPF 0 - 5 by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT EPITHELIAL CELLS 5-7 /HPF ABSENT by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT CRYSTALS CALCIUM OXALATE (++) NEGATIVE (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT NEGATIVE (-ve) NEGATIVE (-ve) CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT BACTERIA NEGATIVE (-ve) **NEGATIVE** (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT OTHERS NEGATIVE (-ve) NEGATIVE (-ve)

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT TRICHOMONAS VAGINALIS (PROTOZOA)

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

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

ABSENT



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

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