



	<b>Dr. Vinay Chopra</b> MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)
NAME	: Mrs. SHRUTI GUPTA			
AGE/ GENDER	: 44 YRS/FEMALE		PATIENT ID	: 1777030
OLLECTED BY	:		REG. NO./LAB NO.	: 012503030052
EFERRED BY	: CENTRAL PHOENIX CLUB (AMBA)	LA CANTT)	<b>REGISTRATION DATE</b>	: 03/Mar/2025 04:35 PM
ARCODE NO.	: 01526404		COLLECTION DATE	: 03/Mar/2025 05:24PM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 03/Mar/2025 05:41PM
LIENI ADDRESS	: 6349/1, NICHOLSON ROAD, AMB.	ALA CANTI		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	SWAST	HYA WE	LLNESS PANEL: 1.	0
	COMP	PLETE BL	OOD COUNT (CBC)	
ED BLOOD CELLS	S (RBCS) COUNT AND INDICES			
IAEMOGLOBIN (H	B)	11.9 <sup>L</sup>	gm/dL	12.0 - 16.0
by CALORIMETRIC CED BLOOD CELL (	(RBC) COUNT	4.09	Millions	/cmm 3.50 - 5.00
by HYDRO DYNAMIC F	OCUSING, ELECTRICAL IMPEDENCE	071		
ACKED CELL VOL	UME (PCV) NUTOMATED HEMATOLOGY ANALYZER	37.1	%	37.0 - 50.0
	AR VOLUME (MCV)	90.7	fL	80.0 - 100.0
IEAN CORPUSCUL	AR HAEMOGLOBIN (MCH)	29.1	pg	27.0 - 34.0
	AUTOMATED HEMATOLOGY ANALYZER AR HEMOGLOBIN CONC. (MCHC)	32.1	g/dL	32.0 - 36.0
	UTOMATED HEMATOLOGY ANALYZER UTION WIDTH (RDW-CV)	13.9	%	11.00 - 16.00
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER			
	UTION WIDTH (RDW-SD)	47.1	fL	35.0 - 56.0
MENTZERS INDEX		22.18	RATIO	BETA THALASSEMIA TRAIT:
by CALCULATED				13.0 IRON DEFICIENCY ANEMIA:
				>13.0
REEN & KING INI	DEX	30.83	RATIO	BETA THALASSEMIA TRAIT:< 65.0
-				IRON DEFICIENCY ANEMIA: >
VHITE BLOOD CE	LLS (WBCS)			65.0
OTAL LEUCOCYTE		4770	/cmm	4000 - 11000
by FLOW CYTOMETRY	Y BY SF CUBE & MICROSCOPY			0.00 - 20.00
	BLOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
	BLOOD CELLS (nRBCS) %	NIL	%	< 10 %
,				





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

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Yugam Chopra

MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. SHRUTI GUPTA AGE/ GENDER : 44 YRS/FEMALE **PATIENT ID** :1777030 **COLLECTED BY** :012503030052 REG. NO./LAB NO. **REFERRED BY** : CENTRAL PHOENIX CLUB (AMBALA CANTT) **REGISTRATION DATE** :03/Mar/2025 04:35 PM **BARCODE NO.** :01526404 **COLLECTION DATE** :03/Mar/2025 05:24PM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :03/Mar/202505:41PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 53 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 40 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 1 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 6 % 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 2528 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1908 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 48 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 286 /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 253000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.26 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 10 fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) 69000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 27 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 15.9%

Dr. Vinay Chopra

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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







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AGE/ GENDER	: 44 YRS/FEMALE	PATIENT ID	: 1777030
NAME	: Mrs. SHRUTI GUPTA		
	MD (Pathology & Microbiology) Chairman & Consultant Pathologist	MD	(Pathology)
	Dr. Vinay Chopra MD (Pathology & Microbiology)	Dr. Yugan MD	





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LIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 03/Mar/2025 05:58PM
LIENT ADDRESS	: 6349/1, NICHOLSON R	OAD, AMBALA CANTT		
'est Name		Value	Unit	Biological Reference interval
ystemic lupus eryth ONDITION WITH LO	ematosus <b>W ESR</b>	lit the normal and in the		bove diseases as well as some others, such as
stemic lupus eryth DNDITION WITH LO low ESR can be see olycythaemia), sigi sickle cells in sick DTE: ESR and C - reactiv Generally, ESR doe CRP is not affected If the ESR is elevat Women tend to ha Drugs such as dexi	ematosus W ESR In with conditions that inhil hificantly high white blood le cell anaemia) also lower e protein (C-RP) are both m es not change as rapidly as i by as many other factors a ed, it is typically a result of ive a higher ESR, and menst	cell count (leucocytosi the ESR. aarkers of inflammation does CRP, either at the s is ESR, making it a be two types of proteins ruation and pregnancy	ntation of red blood cells, s (s) , and some protein abno n. e start of inflammation or a: <b>tter marker of inflammation</b> globulins or fibrinogen.	uch as a high red blood cell count rmalities. Some changes in red cell shape (such s it resolves. <b>n.</b>

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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Test Name		Value	Unit	Biological Reference interval
	CLINI	CAL CHEMIS	TRY/BIOCHEMIST	'RY
		GLUCOSE	FASTING (F)	

KOS Diagnostic Lab (A Unit of KOS Healthcare)

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

 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.

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 ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
			OFILE : BASIC	
CHOLESTEROL TOTA		143.11		<b>OPTIMAL:</b> < 200.0
by CHOLESTEROL OXI		145.11	mg/dL	BORDERLINE HIGH: 200.0 -
				239.0
				HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SE	RUM	77.02	mg/dL	OPTIMAL: < 150.0
	IATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 -
				199.0 HIGH: 200.0 - 499.0
				VERY HIGH: > OR = 500.0
HDL CHOLESTEROL		49.02	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBITIC	DN			BORDERLINE HIGH HDL: 30.0
				60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL:		78.69	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPEC	TROPHOTOMETRY			ABOVE OPTIMAL: 100.0 - 129.0
				BORDERLINE HIGH: 130.0 - 159.0
				HIGH: 160.0 - 189.0
NON UDI CUOLECTI		04.00		VERY HIGH: $> OR = 190.0$
NON HDL CHOLESTI by CALCULATED, SPEC		94.09	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 CHOLESTERO		15.4	mg/dL	0.00 - 45.00
by CALCULATED, SPEC TOTAL LIPIDS: SERI		363.24	mg/dL	350.00 - 700.00
by CALCULATED, SPEC			Ū	
CHOLESTEROL/HDI		2.92	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0
S, ORECOLATED, OFEC				AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0
			Λ	11011 N.S.K. > 11.0

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NAME	: Mrs. SHRUTI GUPTA			
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
LDL/HDL RATIO: S by CALCULATED, SPE		1.61	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	1.57 <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.

 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	<b>Biological Reference interval</b>
	LIVER	FUNCTION	N TEST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SI		0.19	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	C (CONJUGATED): SERUM	0.07	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE	CT (UNCONJUGATED): SERUM	0.12	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	22.6	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	16.2	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE		1.4	RATIO	0.00 - 46.00
ALKALINE PHOSPI		70.03	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM PHTOMETRY	20.49	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO	SERUM	6.54	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.06	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	1	2.48	gm/dL	2.30 - 3.50
A : G RATIO: SERUN		1.64	RATIO	1.00 - 2.00

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:**

> 2
> 2 (Highly Suggestive)
1.4 - 2.0
> 1.5
> 1.3 (Slightly Increased)





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INTERPRETATION





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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	IATE DEHYDROGENASE (GLDH)	13.68	mg/dL	10.00 - 50.00
CREATININE: SERU	UM	0.88	mg/dL	0.40 - 1.20
BLOOD UREA NITR by CALCULATED, SPE	COGEN (BUN): SERUM	6.39 <sup>L</sup>	mg/dL	7.0 - 25.0
BLOOD UREA NITE RATIO: SERUM by Calculated, spe	ROGEN (BUN)/CREATININE	7.26 <sup>L</sup>	RATIO	10.0 - 20.0
UREA/CREATININ by CALCULATED, SPE	E RATIO: SERUM	15.55	RATIO	
URIC ACID: SERUM	1	2.33 <sup>L</sup>	mg/dL	2.50 - 6.80
CALCIUM: SERUM by ARSENAZO III, SPE	CTROPHOTOMETRY	9.17	mg/dL	8.50 - 10.60
-	ERUM DATE, SPECTROPHOTOMETRY	3.62	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM by ISE (ION SELECTIV	(E ELECTRODE)	144.6	mmol/L	135.0 - 150.0
POTASSIUM: SERU	M	3.98	mmol/L	3.50 - 5.00
CHLORIDE: SERUM by ISE (ION SELECTIV		108.45	mmol/L	90.0 - 110.0
ESTIMATED GLOM (eGFR): SERUM by CALCULATED INTERPRETATION:	ERULAR FILTERATION RATE	83.1		

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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COLLECTED BY	:		REG. NO./L	AB NO.	:01250303005	2	
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BARCODE NO.	:01526404		COLLECTIO		: 03/Mar/2025 05:24PM		
		CIAD					
CLIENT CODE.	: KOS DIAGNOST		REPORTING	JAIE	: 03/Mar/2025 07	7:08PM	
CLIENT ADDRESS	: 6349/1, NICHO	SON ROAD, AMBAL	A CANTT				
Test Name		v	alue	Unit	Biologi	cal Reference inte	erval
<ol> <li>Reduced muscle m</li> <li>Certain drugs (e.g.</li> <li>INCREASED RATIO (&gt;2</li> <li>Postrenal azotemia</li> </ol>	tetracycline, glucoc 0:1) WITH ELEVATEI (BUN rises disprop	atinine production) orticoids) <b>) CREATININE LEVELS</b> ortionately more tha	: an creatinine) (e.g. obsi	ructive uropa	thy).		
8. Reduced muscle m 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	(e.g. ureter colosto ass (subnormal cre- tetracycline, glucoc <b>0:1) WITH ELEVATE</b> (BUN rises disprop superimposed on ro <b>0:1) WITH DECREAS</b> osis. Id starvation. 2. creased urea synthe urea rather than cr monemias (urea is f inappropiate anti- tion develop renal sis (acetoacetate ca creased BUN/creati apy (interferes with LAR FILTERATION R Norma Norma	atinine production) orticoids) D CREATININE LEVELS ortionately more that enal disease. ED BUN : essis. eatinine diffuses out virtually absent in bladiuretic harmone) du ED CREATININE: version of creatine to tinine). failure. uses false increase i nine ratio). creatinine measure ATE: ESCRIPTION kidney function y damage with al or high GFR	an creatinine) (e.g. obs c of extracellular fluid). ood). ue to tubular secretion o creatinine). n creatinine with certa ment). GFR (mL/min/1.73r >90 >90	of urea. iin methodolo n2) AS			ydratio
8. Reduced muscle m 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 GLOMERU G1 G2 G3a	(e.g. ureter colosto ass (subnormal cre- tetracycline, glucoc <b>0:1) WITH ELEVATE</b> (BUN rises disprop superimposed on ro <b>0:1) WITH DECREAS</b> osis. Id starvation. creased urea synthe urea rather than cr monemias (urea is f inappropiate anti- <b>0:1) WITH INCREAS</b> oy (accelerates con eleases muscle creas who develop renal sis (acetoacetate ca creased BUN/creati apy (interferes with LAR FILTERATION R Norma Norma Kidne norm	atinine production) orticoids) D CREATININE LEVELS ortionately more that enal disease. ED BUN : essis. eatinine diffuses out virtually absent in bl- diuretic harmone) du ED CREATININE: version of creatine to tinine). failure. uses false increase i nine ratio). creatinine measure: ATE: ESCRIPTION kidney function y damage with al or high GFR	an creatinine) (e.g. obsi c of extracellular fluid). ood). ue to tubular secretion o creatinine). n creatinine with certa ment). GFR (mL/min/1.73r >90 >90 60 -89	of urea. iin methodolo n2) AS	ogies,resulting in nor SOCIATED FINDINGS No proteinuria		ydratio
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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)









	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Pathologis		(Pathology)
NAME	: Mrs. SHRUTI GUPTA		
AGE/ GENDER	: 44 YRS/FEMALE	PATIENT ID	: 1777030
COLLECTED BY	:	REG. NO./LAB NO.	: 012503030052
<b>REFERRED BY</b>	: CENTRAL PHOENIX CLUB (AMBALA CANTT)	<b>REGISTRATION DATE</b>	: 03/Mar/2025 04:35 PM
BARCODE NO.	: 01526404	<b>COLLECTION DATE</b>	: 03/Mar/2025 05:24PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 03/Mar/2025 07:08PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA 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) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST

MBBS, MD (PATHOLOGY)







	Dr. Vinay ChopraDr. YugarMD (Pathology & Microbiology)MDChairman & Consultant PathologistCEO & Consultant			) (Pathology) t Pathologist	
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Test Name		Value	Unit	<b>Biological Reference interval</b>	
	IMM	UNOPATH	OLOGY/SEROLOGY	Y	
		C-REACTIVE	E PROTEIN (CRP)		
C-REACTIVE PROT SERUM by NEPHLOMETRY INTERPRETATION:	EIN (CRP) QUANTITATIVE:	6.33 <sup>H</sup>	mg/L	0.0 - 6.0	
1. C-reactive protein 2. CRP levels can inc proliferation.		ore) after sever	e trauma, bacterial infection	n, inflammation, surgery, or neoplastic fections after surgery, to detect transplant	

KOS Diagnostic Lab (A Unit of KOS Healthcare)

and the recovery being earlier than ESR. Unlike ESR, CRP levels are not influenced by hematologic conditions like Anemia, Polycythemia etc., 5. Elevated values are consistent with an acute inflammatory process. NOTE:

Elevated C-reactive protein (CRP) values are nonspecific and should not be interpreted without a complete clinical history.
 Oral contraceptives may increase CRP levels.





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

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (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



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		Chopra     Dr. Yugam Chopra       ty & Microbiology)     MD (Pathology)       Consultant Pathologist     CEO & Consultant Pathologist		(Pathology)
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CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 03/Mar/2025 05:56PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		CLINICAL	PATHOLOGY	
	URINE RO		ROSCOPIC EXAMIN	ATION
PHYSICAL EXAMIN				
QUANTITY RECIEV		10	ml	
,	TANCE SPECTROPHOTOMETRY	AMDED V	FLIOW	PALE YELLOW
COLOUR by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	AMBER Y	ELLOW	PALE FELLOW
TRANSPARANCY		CLEAR		CLEAR
SPECIFIC GRAVITY	TANCE SPECTROPHOTOMETRY	<=1.005		1.002 - 1.030
CHEMICAL EXAMI REACTION	<u>NATION</u>	ACIDIC		
	TANCE SPECTROPHOTOMETRY	ACIDIC		
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR	TANCE SPECINOPHOTOMETRY	Negative		NEGATIVE (-ve)
,	TANCE SPECTROPHOTOMETRY			5.0 - 7.5
pH by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	6		5.0 - 7.5
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE	TANCE SPECIFIC/TOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC UROBILINOGEN	TANCE SPECTROPHOTOMETRY.	Normal	EU/dL	0.2 - 1.0
	TANCE SPECTROPHOTOMETRY		EU/uL	0.2 - 1.0
KETONE BODIES	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC ASCORBIC ACID	TANCE SPECTROPHOTOMETRY	NEGATIV	E (-ve)	NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	THE MATTER		
MICROSCOPIC EXA				
RED BLOOD CELLS	(RBCs)	NEGATIV	E (-ve) /HPF	0 - 3





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EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

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

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

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Test Name	Value	Unit	<b>Biological Reference interval</b>

lest 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	4-5	/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)

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

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