

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultan	obiology)	Dr. Yugam C MD (Pa CEO & Consultant Pat	thology)
NAME :	Mr. NITIN KUMAR			
AGE/ GENDER :	45 YRS/MALE	PAT	IENT ID :	1328339
COLLECTED BY :		REG	NO./LAB NO.	012503080005
REFERRED BY :		REG	ISTRATION DATE :	08/Mar/2025 07:23 AM
BARCODE NO.	01526676			08/Mar/2025 07:26AM
	KOS DIAGNOSTIC LAB		ORTING DATE :	08/Mar/2025 08:46AM
CLIENT ADDRESS :	6349/1, NICHOLSON ROAD, AMBA	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SWASTI	HYA WELLN	ESS PANEL: 1.0	
			COUNT (CBC)	
RED BLOOD CELLS (F	RBCS) COUNT AND INDICES		(,	
HAEMOGLOBIN (HB)		17.1 ^H	gm/dL	12.0 - 17.0
RED BLOOD CELL (RB	C) COUNT USING, ELECTRICAL IMPEDENCE	5.06 ^H	Millions/cm	am 3.50 - 5.00
ACKED CELL VOLUM		51	%	40.0 - 54.0
MEAN CORPUSCULAR		100.7 ^H	fL	80.0 - 100.0
	HAEMOGLOBIN (MCH)	33.8	pg	27.0 - 34.0
	HEMOGLOBIN CONC. (MCHC)	33.6	g/dL	32.0 - 36.0
	ION WIDTH (RDW-CV) omated hematology analyzer	14.3	%	11.00 - 16.00
	ION WIDTH (RDW-SD) omated hematology analyzer	53.8	fL	35.0 - 56.0
MENTZERS INDEX		19.9	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA:
GREEN & KING INDEX	K	28.46	RATIO	>13.0 BETA THALASSEMIA TRAIT:< 65.0
-				IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>S (WBCS)</u>			
TOTAL LEUCOCVTE CO	OUNT (TLC) (SE CUBE & MICROSCOPY	9000	/cmm	4000 - 11000
				0.00 - 20.00
by flow cytometry by NUCLEATED RED BLO	OOD CELLS (nRBCS) HEMATOLOGY ANALYZER	NIL		





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

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NAME	: Mr. NITIN KUMAR		
AGE/ GENDER	: 45 YRS/MALE	PATIENT ID	: 1328339
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Dr. Vinay Chopra

Test Name	Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	61	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	30	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	4	%	2 - 12
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	%	0 - 1
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5490	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2700	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by flow cytometry by sf cube & microscopy	450 ^H	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	360	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
ABSOLUTE IMMATURE GRANULOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0.0 - 999.0
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	235000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.3	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	13 ^H	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by hydro dynamic focusing, electrical impedence	108000 ^H	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by hydro dynamic focusing, electrical impedence	45.9 ^H	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence	17	%	15.0 - 17.0
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Test Name	Value	e Unit	Biological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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AME	: Mr. NITIN KUMAR			
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LIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	:08/Mar/202509:02AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
est Name		Value	Unit	Biological Reference interval
s C-reactive protein This test may also /stemic lupus eryth ONDITION WITH LO' low ESR can be see polycythaemia), sigr s sickle cells in sickl OTE: ESR and C - reactiv . Generally, ESR doe CRP is not affected	be used to monitor disease acti ematosus W ESR n with conditions that inhibit th	vity and response to ther ne normal sedimentation count (leucocytosis), and ESR. ers of inflammation. CRP, either at the start o SR, making it a better ma	apy in both of the ab of red blood cells, su some protein abnor of inflammation or as rker of inflammation .	bically used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count malities. Some changes in red cell shape (such it resolves.
Women tend to ha Drugs such as dext	ve a higher ESR, and menstruati	ion and pregnancy can ca	use temporary elevat	tions. line, and vitamin A can increase ESR, while





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		ogy & Microbiology) Consultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	:08/Mar/2025 10:47AM
CLIENT ADDRESS	: 6349/1, NICHOLSON R	OAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLI	INICAL CHEMIST	RY/BIOCHEMIST	'RY
		GLUCOSE F.	ASTING (F)	
		109.89 ^H	mg/dL	NORMAL: < 100.0

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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Test Name	Value	Unit	Biological Reference interval
	і іріп р	ROFILE : BASIC	
CHOLESTEROL TOTAL: SERUM	198.55		OPTIMAL: < 200.0
by CHOLESTEROL OXIDASE PAP	196.55	liig/ uL	BORDERLINE HIGH: 200.0 -
			HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SERUM	191 ^H	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSPHATE OXIDASE (EN	ZYMATIC)		BORDERLINE HIGH: 150.0 -
			199.0 HIGH: 200.0 - 499.0
			VERY HIGH: $> OR = 500.0$
HDL CHOLESTEROL (DIRECT): SER by SELECTIVE INHIBITION	UM 36.16	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0
			60.0
			HIGH HDL: $> OR = 60.0$
LDL CHOLESTEROL: SERUM by CALCULATED, SPECTROPHOTOMETR	124.19	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0
			BORDERLINE HIGH: 130.0 -
			159.0
			HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLESTEROL: SERUM	162.39	H mg/dL	OPTIMAL: < 130.0
by CALCULATED, SPECTROPHOTOMETR	Y		ABOVE OPTIMAL: 130.0 - 159.0
			BORDERLINE HIGH: 160.0 - 189.0
			HIGH: 190.0 - 219.0
	00.0		VERY HIGH: $> OR = 220.0$
VLDL CHOLESTEROL: SERUM by CALCULATED, SPECTROPHOTOMETR	y 38.2	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUM	588.1	mg/dL	350.00 - 700.00
by CALCULATED, SPECTROPHOTOMETR CHOLESTEROL/HDL RATIO: SERUI		RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPECTROPHOTOMETR			AVERAGE RISK: 4.50 - 7.0
			MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0
			111611 MISK. > 11.0
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NAME	: Mr. NITIN KUMAR			
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		3.43 ^H	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	5.28 ^H	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
	LIVER	FUNCTION T	EST (COMPLETE)	
BILIRUBIN TOTAL: by DIAZOTIZATION, SP		1.06	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	(CONJUGATED): SERUM PECTROPHOTOMETRY	0.22	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE	CT (UNCONJUGATED): SERUM CTROPHOTOMETRY	0.84	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	32.3	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	56.3 ^H	U/L	0.00 - 49.00
AST/ALT RATIO: SE	ERUM	0.57	RATIO	0.00 - 46.00
ALKALINE PHOSPH by PARA NITROPHENY PROPANOL	ATASE: SERUM	126.95	U/L	40.0 - 130.0
		41.0	TT /T	0.00 55.0

U/L GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM 41.9 0.00 - 55.0 by SZASZ, SPECTROPHTOMETRY TOTAL PROTEINS: SERUM 6.75 gm/dL 6.20 - 8.00 by BIURET, SPECTROPHOTOMETRY ALBUMIN: SERUM 4.32 gm/dL 3.50 - 5.50 by BROMOCRESOL GREEN **GLOBULIN: SERUM** 2.43 gm/dL 2.30 - 3.50 by CALCULATED, SPECTROPHOTOMETRY A : G RATIO: SERUM 1.78 RATIO by CALCULATED, SPECTROPHOTOMETRY

INTERPRETATION

NOTE:- To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range. USE: - Differential diagnosis of diseases of hepatobiliary system and pancreas.

INCREASED:

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





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1.00 - 2.00





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Test NameValueUnitBiological Reference interval

DECREASED:

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

PROGNOSTIC	SIGNIFICANCE:

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 inte	rval
	KIDNI	EY FUNCTIO	N TEST (COMPLETE)		
UREA: SERUM		28.58	mg/dL	10.00 - 50.00	
	NATE DEHYDROGENASE (GLDH)		0		
CREATININE: SERUM		1.01	mg/dL	0.40 - 1.40	
by ENZYMATIC, SPECTROPHOTOMETERY BLOOD UREA NITROGEN (BUN): SERUM		13.36	mg/dL	7.0 - 25.0	
by CALCULATED, SPECTROPHOTOMETRY		13.23			
BLOOD UREA NITH RATIO: SERUM	BLOOD UREA NITROGEN (BUN)/CREATININE		RATIO	10.0 - 20.0	
	ECTROPHOTOMETRY				
	UREA/CREATININE RATIO: SERUM		RATIO		
by CALCULATED, SPI	by CALCULATED, SPECTROPHOTOMETRY		mg/dL	3.60 - 7.70	
by URICASE - OXIDAS		8.08 ^H	IIIg/ UL	3.00 - 1.10	
CALCIUM: SERUM		9.86	mg/dL	8.50 - 10.60	
	by ARSENAZO III, SPECTROPHOTOMETRY PHOSPHOROUS: SERUM		mg/dL	2.30 - 4.70	
by PHOSPHOMOLYB	DATE, SPECTROPHOTOMETRY	2.8	ing/ dL	2.00 1.10	
ELECTROLYTES					
SODIUM: SERUM		138.6	mmol/L	135.0 - 150.0	
by ISE (ION SELECTIVE ELECTRODE) POTASSIUM: SERUM		4.1	mmol/L	3.50 - 5.00	
by ISE (ION SELECTIVE ELECTRODE)		103.95			
	CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)		mmol/L	90.0 - 110.0	
	IERULAR FILTERATION RATE				
	IERULAR FILTERATION RATE	93.5			

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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IAME	: Mr. NITIN K	UMAR						
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CLIENT ADDRESS	: 6349/1, NIC	HOLSON ROAD, AMB	ALA CANTT					
Fest Name			Value	Uni	it	Biologi	ical Refere	ence interva
 Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr 	ass (subnormal tetracycline, glu 0:1) WITH ELEV/ (BUN rises disp superimposed c 0:1) WITH DECR osis.	TED CREATININE LEVE roportionately more to n renal disease.	LS:	e) (e.g. obstructive	uropathy).			
 Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia Perenal azotemia CECREASED RATIO (<' Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (SIADH (syndrome of Pregnancy. PECREASED RATIO (Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE 	ass (subnormal tetracycline, glu 0:1) WITH ELEV/ (BUN rises disp superimposed of 0:1) WITH DECR osis. Id starvation. 2: creased urea sy urea rather that monemias (urea f inappropiate a f inappropiate a 0:1) WITH INCRI py (accelerates eleases muscle who develop re sis (acetoacetat creased BUN/cr apy (interferes v ular FILTERATIO	creatinine production accorticoids) ATED CREATININE LEVE roportionately more to in renal disease. EASED BUN : Athesis. In creatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). nal failure. e causes false increas eatinine ratio). with creatinine measu N RATE: DESCRIPTION mal kidney function	LS: han creatining ut of extraced blood). due to tubula to creatining e in creatining rement).	Ilular fluid). r secretion of urea e). e with certain meth /min/1.73m2) >90	hodologies,re ASSOCIAT No pr	ED FINDINGS oteinuria		vhen dehydr
Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Perenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE	ass (subnormal tetracycline, glu 0:1) WITH ELEV/ (BUN rises disp superimposed of 0:1) WITH DECR osis. Id starvation. 2: creased urea sy urea rather that monemias (urea f inappropiate a f inappropiate a 0:1) WITH INCRI py (accelerates eleases muscle who develop re sis (acetoacetat creased BUN/cr apy (interferes v LAR FILTERATIO	creatinine production accorticoids) ATED CREATININE LEVE roportionately more to in renal disease. EASED BUN : Athesis. In creatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). nal failure. e causes false increas eatinine ratio). with creatinine measu N RATE: DESCRIPTION mal kidney function dney damage with	LS: han creatining ut of extraced blood). due to tubula to creatining e in creatining rement).	Ilular fluid). r secretion of urea e). e with certain met	hodologies,re ASSOCIAT No pr Presence	ED FINDINGS oteinuria of Protein ,		/hen dehydr
Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE	ass (subnormal tetracycline, glu 0:1) WITH ELEV/ (BUN rises disp superimposed of 0:1) WITH DECR osis. Id starvation. 2: creased urea sy urea rather that monemias (urea f inappropiate a f inappr	creatinine production accorticoids) ATED CREATININE LEVE roportionately more to in renal disease. EASED BUN : Athesis. In creatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). nal failure. e causes false increas eatinine ratio). with creatinine measu N RATE: DESCRIPTION mal kidney function	LS: han creatining ut of extracel blood). due to tubula to creatining e in creatining rement).	Ilular fluid). r secretion of urea e). e with certain meth /min/1.73m2) >90	hodologies,re ASSOCIAT No pr Presence	ED FINDINGS oteinuria		/hen dehydr
Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL G1 G2 G3a G3b	ass (subnormal tetracycline, glu 0:1) WITH ELEV/ (BUN rises disp superimposed of 0:1) WITH DECR osis. Id starvation. 2. creased urea sy urea rather thai monemias (urea f inappropiate a f inappr	creatinine production accorticoids) ATED CREATININE LEVE roportionately more to in renal disease. EASED BUN : Athesis. In creatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). nal failure. e causes false increas eatinine ratio). with creatinine measu N RATE: DESCRIPTION mal kidney function dney damage with pormal or high GFR	LS: han creatining ut of extracel blood). due to tubula to creatining e in creatining rement).	Ilular fluid). r secretion of urea e). e with certain meth /min/1.73m2) >90 >90 60 -89 30-59	hodologies,re ASSOCIAT No pr Presence	ED FINDINGS oteinuria of Protein ,		/hen dehydr
 P. Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Perenal azotemia Perenal azotemia DECREASED RATIO (Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (SIADH (syndrome of Pregnancy. DECREASED RATIO (Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido cephalosporin ther ESTIMATED GLOMERI G1 G2 	ass (subnormal tetracycline, glu 0:1) WITH ELEV/ (BUN rises disp superimposed of 0:1) WITH DECR osis. Id starvation. 2: creased urea sy urea rather that monemias (urea f inappropiate a f inappr	creatinine production accorticoids) ATED CREATININE LEVE roportionately more to in renal disease. EASED BUN : Attessis. In creatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). nal failure. e causes false increas eatinine ratio). with creatinine measu N RATE: DESCRIPTION mal kidney function dney damage with prmal or high GFR_ Id decrease in GFR	LS: han creatining ut of extracel blood). due to tubula to creatining e in creatining rement).	Ilular fluid). r secretion of urea e). e with certain meth /min/1.73m2) >90 >90 60 -89	hodologies,re ASSOCIAT No pr Presence	ED FINDINGS oteinuria of Protein ,		/hen dehydr





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

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









CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	:08/Mar/2025 11:11AM
BARCODE NO.	: 01526676	COLLECTION DATE	:08/Mar/202507:26AM
REFERRED BY	:	REGISTRATION DATE	: 08/Mar/2025 07:23 AM
COLLECTED BY	:	REG. NO./LAB NO.	: 012503080005
AGE/ GENDER	: 45 YRS/MALE	PATIENT ID	: 1328339
NAME	: Mr. NITIN KUMAR		
	MD (Pathology & I Chairman & Const	Microbiology) M	D (Pathology)
	Dr. Vinay Cho	opra 🛛 Dr. Yuga	m 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





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	Dr. Vinay Ch MD (Pathology & Chairman & Con			Dr. Yugam MD & Consultant	(Pathology)
NAME	: Mr. NITIN KUMAR				
AGE/ GENDER	: 45 YRS/MALE		PATIENT ID		: 1328339
COLLECTED BY	:		REG. NO./LAI	3 NO.	: 012503080005
REFERRED BY	:		REGISTRATIO	ON DATE	: 08/Mar/2025 07:23 AM
BARCODE NO.	:01526676		COLLECTION	DATE	: 08/Mar/2025 07:26AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING	DATE	: 08/Mar/2025 09:14AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT			
Test Name		Value		Unit	Biological Reference interval
		CUNICAL	PATHOLO	CV	
		UTINE & MIC	ROSCOPIC	EXAMIN	ATION
PHYSICAL EXAMIN					
QUANTITY RECIEVE	D ANCE SPECTROPHOTOMETRY	10		ml	
COLOUR		PALE YEI	LLOW		PALE YELLOW
by DIP STICK/REFLECT TRANSPARANCY	ANCE SPECTROPHOTOMETRY	CLEAR			CLEAR
	ANCE SPECTROPHOTOMETRY	ULEAK			CLEAR
SPECIFIC GRAVITY		1.02			1.002 - 1.030
CHEMICAL EXAMIN	ANCE SPECTROPHOTOMETRY				
REACTION		ACIDIC			
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY				
PROTEIN	ANCE SPECTROPHOTOMETRY	Negative			NEGATIVE (-ve)
SUGAR		Negative			NEGATIVE (-ve)
	ANCE SPECTROPHOTOMETRY				50 75
pH by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	6.5			5.0 - 7.5
BILIRUBIN		Negative			NEGATIVE (-ve)
NITRITE	ANCE SPECTROPHOTOMETRY	Negative			NEGATIVE (-ve)
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY.	Ũ			
UROBILINOGEN	ANCE SPECTROPHOTOMETRY	Normal		EU/dL	0.2 - 1.0
KETONE BODIES		Negative			NEGATIVE (-ve)
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	Negative			NEGATIVE (-ve)
	ANCE SPECTROPHOTOMETRY	wegative			NEGATIVE (-VE)
ASCORBIC ACID by DIP STICK/REFLECT MICROSCOPIC EXA	ANCE SPECTROPHOTOMETRY	NEGATIV	'E (-ve)		NEGATIVE (-ve)
RED BLOOD CELLS (NEGATIV	F (-vo)	/HPF	0 - 3
IVED DEOOD CEFF9 ((1003)	INEGATIV	E (-ve)	/ 116 F	0-5



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NANCE



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

NIPPINI PULINGA D

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

Test Name		Value	Unit	Biological Reference interval
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	, AMBALA CANTT		
	AA 4A 41 NUQUAL GAN DAAD			
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	DRTING DATE	:08/Mar/202509:14AM
BARCODE NO.	:01526676	COLI	ECTION DATE	: 08/Mar/2025 07:26AM
REFERRED BY	:	REGI	STRATION DATE	: 08/Mar/2025 07:23 AM
	•			
COLLECTED BY	:	REG.	NO./LAB NO.	: 012503080005
AGE/ GENDER	: 45 YRS/MALE	PATI	ENT ID	: 1328339
NAME	: Mr. NITIN KUMAR			

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-2	/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 ***





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