

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chopr MD (Pathology & Mic Chairman & Consulta	robiology)		gam Chopra MD (Pathology tant Pathologis	
NAME	: Mr. NITESH				
AGE/ GENDER	: 33 YRS/MALE		PATIENT ID	: 17199	027
COLLECTED BY	:		REG. NO./LAB NO.	:0125	01090045
REFERRED BY	:		REGISTRATION DAT		n/2025 01:13 PM
BARCODE NO.	: 01523687		COLLECTION DATE		n/2025 01:15PM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB		REPORTING DATE	: 09/Jai	n/2025 01:36PM
LIENI ADDRESS	. 0349/1, MCHOLSON ROAD, AMD	ALA CANT	1		
Fest Name		Value	Unit		Biological Reference interval
	SWAST	HYA WI	ELLNESS PANEL:	1.0	
			LOOD COUNT (CBC		
RED BLOOD CELLS	S (RBCS) COUNT AND INDICES			,	
HAEMOGLOBIN (H	B)	14	gm/d	IL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (6.16 ^H	Millio	ons/cmm	3.50 - 5.00
PACKED CELL VOLU		46	%		40.0 - 54.0
-	UTOMATED HEMATOLOGY ANALYZER AR VOLUME (MCV)	74.7 ^L	fL		80.0 - 100.0
	UTOMATED HEMATOLOGY ANALYZER AR HAEMOGLOBIN (MCH)	22.7 ^L	pg		27.0 - 34.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER AR HEMOGLOBIN CONC. (MCHC)	30.4 ^L	g/dL		32.0 - 36.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER		Ŭ		
	UTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	14.3	%		11.00 - 16.00
	UTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	40.3	fL		35.0 - 56.0
MENTZERS INDEX		12.13	RATI	0	BETA THALASSEMIA TRAIT: <
by CALCULATED					13.0 IRON DEFICIENCY ANEMIA:
					>13.0
GREEN & KING INI by calculated	DEX	17.32	RATI	0	BETA THALASSEMIA TRAIT:< 65.0
by one obline b					IRON DEFICIENCY ANEMIA: >
WIIFE BLOOD OF					65.0
WHITE BLOOD CE FOTAL LEUCOCYTE		8500	/cmn	n	4000 - 11000
by FLOW CYTOMETRY	Y BY SF CUBE & MICROSCOPY		7 спп		
	BLOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL			0.00 - 20.00
NUCLEATED RED E	BLOOD CELLS (nRBCS) %	NIL	%		< 10 %
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER				





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

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 0171-2643898, +91 99910 43898
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EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. NITESH **PATIENT ID** :1719927 AGE/ GENDER : 33 YRS/MALE **COLLECTED BY** :012501090045 REG. NO./LAB NO. : **REFERRED BY REGISTRATION DATE** :09/Jan/202501:13 PM : **BARCODE NO.** :01523687 **COLLECTION DATE** :09/Jan/202501:15PM **CLIENT CODE.** : KOS DIAGNOSTIC LAB **REPORTING DATE** :09/Jan/202501:36PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit DIFFEDENTIAL LEUCOCVTE COUNT (DLC)

DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	59	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	32	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	7	%	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	5015	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2720	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	170	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	595	/cmm	80 - 880
PLATELETS AND OTHER PLATELET PREDICTIVE	<u>MARKERS.</u>		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	356000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.35	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	10	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by hydro dynamic focusing, electrical impedence	96000 ^H	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by hydro dynamic focusing, electrical impedence	27	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16.8	%	15.0 - 17.0



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Biological Reference interval





		Mopra & Microbiology) Insultant Pathologist		n Chopra (Pathology) : Pathologist
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LIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	: 09/Jan/2025 01:48PM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
<i>by RED CELL AGGREC</i> NTERPRETATION: . ESR is a non-specifi nmune disease, but	DIMENTATION RATE (ESR) SATION BY CAPILLARY PHOTOME c test because an elevated res does not tell the health practit	ult often indicates the p ioner exactly where the	mm/1st resence of inflammat inflammation is in th	hr 0 - 20





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BARCODE NO.	: 01523687	COLL	ECTION DATE	: 09/Jan/2025 01:15PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	DRTING DATE	: 09/Jan/2025 02:34PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLIN	ICAL CHEMISTRY	/BIOCHEMIST	'RY
		GLUCOSE FAS	FING (F)	
		GLUCUSE FAS		

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. 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
		LIPID PROFILI	: BASIC	
CHOLESTEROL TO by CHOLESTEROL O>		106.08	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR =
TRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM PHATE OXIDASE (ENZYMATIC)	56.89	mg/dL	240.0 OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
HDL CHOLESTERO	L (DIRECT): SERUM ion	34.19	mg/dL	VERY HIGH: > OR = 500.0 LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30. 60.0
LDL CHOLESTERO by CALCULATED, SPE		60.51	mg/dL	HIGH HDL: > OR = 60.0 OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0
NON HDL CHOLES by calculated, spe		71.89	mg/dL	VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0
VLDL CHOLESTER	OL: SERUM	11.38	mg/dL	VERY HIGH: > OR = 220.0 0.00 - 45.00
by CALCULATED, SPE TOTAL LIPIDS: SEF	CTROPHOTOMETRY	269.05 ^L	mg/dL	350.00 - 700.00
by CALCULATED, SPE CHOLESTEROL/HI by CALCULATED, SPE	DL RATIO: SERUM	3.1	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		1.77	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	1.66 ^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.

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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REPORTING DATE

Dr. Yugam Chopra

MD (Pathology)

:1719927

:012501090045

:09/Jan/202501:13 PM

:09/Jan/202501:15PM

:09/Jan/202502:20PM

Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Mr. NITESH : 33 YRS/MALE **PATIENT ID** REG. NO./LAB NO. : **REGISTRATION DATE** : :01523687 **COLLECTION DATE**

- : KOS DIAGNOSTIC LAB
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Test Name	Value	Unit	Biological Reference interval
LIVER	FUNCTION TEST (CO	MPLETE)	
BILIRUBIN TOTAL: SERUM by diazotization, spectrophotometry	0.68	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.25	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.43	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	21.25	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	30.84	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	0.69	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	95.82	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	22.28	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	7.2	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.15	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	3.05	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.36	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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NAME

AGE/ GENDER

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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).

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 interval
	KIDNE	Y FUNCTION	N TEST (COMPLETE)	
UREA: SERUM		20.56	mg/dL	10.00 - 50.00
	ATE DEHYDROGENASE (GLDH)		ilig/ dL	10.00 00.00
CREATININE: SERU		0.93	mg/dL	0.40 - 1.40
-	COGEN (BUN): SERUM	9.61	mg/dL	7.0 - 25.0
by CALCULATED, SPE	CTROPHOTOMETRY		Ĵ.	
BLOOD UREA NITR RATIO: SERUM	COGEN (BUN)/CREATININE	10.33	RATIO	10.0 - 20.0
by CALCULATED, SPE	CTROPHOTOMETRY			
UREA/CREATININ		22.11	RATIO	
URIC ACID: SERUM		5.82	mg/dL	3.60 - 7.70
by URICASE - OXIDAS			Ű	
CALCIUM: SERUM by ARSENAZO III, SPE	CTROPHOTOMETRY	9.26	mg/dL	8.50 - 10.60
PHOSPHOROUS: SE		2.6	mg/dL	2.30 - 4.70
-	DATE, SPECTROPHOTOMETRY		Ű	
ELECTROLYTES		141 5	1./1	105.0 150.0
SODIUM: SERUM by ISE (ION SELECTIV	E ELECTRODE)	141.5	mmol/L	135.0 - 150.0
POTASSIUM: SERUI		4.12	mmol/L	3.50 - 5.00
by ISE (ION SELECTIV CHLORIDE: SERUM		106.13	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	'E ELECTRODE)	100.10	IIIIIOI/ L	00.0 110.0
	IERULAR FILTERATION RATE			
	ERULAR FILTERATION RATE	111.2		
(eGFR): SERUM by CALCULATED				
INTERPRETATION:				

INTERPRETATION:

To differentiate between pre- and post renal azotemia.

INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

1. Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased glomerular filtration rate.

2. Catabolic states with increased tissue breakdown.

3. GI haemorrhage.



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Fest Name			Value	Uni	it	Biolo	ogical Ref	ference int	erval
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<1 Acute tubular necr 	tetracycline, gl 0:1) WITH ELEV (BUN rises disp superimposed 0:1) WITH DECP psis.	ostomy) creatinine productior ucocorticoids) ATED CREATININE LEV proportionately more on renal disease.	ELS:	ine) (e.g. obstructive	e uropathy).			
 Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia PecREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (SIADH (syndrome c Pregnancy. DECREASED RATIO (<1 Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin ther 	(e.g. ureter col ass (subnormal tetracycline, gl 0:1) WITH ELEV (BUN rises disp superimposed 0:1) WITH DECF osis. d starvation. creased urea sy urea rather tha monemias (ure f inappropiate 0:1) WITH INCR oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/cr apy (interferes	ostomy) creatinine productior ucocorticoids) ATED CREATININE LEVI proportionately more on renal disease. REASED BUN : Thesis. In creatinine diffuses of a is virtually absent in antidiuretic harmone) (EASED CREATININE: conversion of creatine creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measu DN RATE:	ELS: Than creatin blood). due to tubu e to creatinin e in creatinin rement).	cellular fluid). lar secretion of urea ne). ne with certain metl	ı. hodologie	s,resulting in n		io when deh	nydratic
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 Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia Perenal azotemia CECREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (SIADH (syndrome c Pregnancy. PECREASED RATIO (<1 Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido cephalosporin ther 	(e.g. ureter col ass (subnormal tetracycline, gl 0:1) WITH ELEV (BUN rises disp superimposed 0:1) WITH DECF osis. d starvation. creased urea sy urea rather tha monemias (ure f inappropiate 0:1) WITH INCR oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/co apy (interferes LAR FILTERATIC	ostomy) creatinine productior ucocorticoids) ATED CREATININE LEVI proportionately more on renal disease. REASED BUN : Thesis. In creatinine diffuses of a is virtually absent in antidiuretic harmone) (EASED CREATININE: conversion of creatine creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measu DN RATE:	ELS: Than creatin blood). due to tubu e to creatinin e in creatinin rement).	cellular fluid). lar secretion of urea ne). ne with certain metl	hodologie ASSOC	s,resulting in n	GS	io when deh	nydratic
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Pregnancy. DECREASED RATIO (<1 Phenacimide thera Rhabdomyolysis (ro Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther <u>STIMATED GLOMERU</u> <u>CKD STAGE</u> <u>G1</u> <u>G2</u>	(e.g. ureter col ass (subnormal tetracycline, gl 0:1) WITH ELEV (BUN rises disp superimposed 0:1) WITH DECF osis. d starvation. creased urea sy urea rather tha monemias (ure f inappropiate 0:1) WITH INCR oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/cr apy (interferes LAR FILTERATIC No	ostomy) creatinine productior ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : ATEL CREATININE IN antidiuretic harmone) EASED CREATININE: conversion of creating creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measu DESCRIPTION rmal kidney function idney damage with normal or high GFR	ELS: Than creatin blood). due to tubu e to creatinin e in creatinin rement).	cellular fluid). lar secretion of urea ne). ne with certain meth nL/min/1.73m2) >90 >90	hodologie ASSOC	s,resulting in n IATED FINDING	GS	io when deh	nydratic
A. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Prerenal azotemia DECREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Pregnancy. DECREASED RATIO (<1 Nheacimide thera Rhabdomyolysis (ro Muscular patients NAPPROPIATE RATIO Loiabetic ketoacido should produce an in Cephalosporin ther ESTIMATED GLOMERU CED STAGE G1 G2 G3a	(e.g. ureter col ass (subnormal tetracycline, gl 0:1) WITH ELEV (BUN rises disp superimposed 0:1) WITH DECF osis. Id starvation. creased urea sy urea rather tha monemias (ure f inappropiate 0:1) WITH INCR oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/cr apy (interferes LAR FILTERATIC No K No K	ostomy) creatinine productior ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : ATEL CREATININE IN antidiuretic harmone) EASED CREATININE: conversion of creating creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measu. N RATE: DESCRIPTION rmal kidney function idney damage with normal or high GFR_ ild decrease in GFR	ELS: than creating blood). due to tubus e to creating rement). GFR (r	cellular fluid). lar secretion of ureanne). ne with certain method nL/min/1.73m2) >90 >90 60 -89	hodologie ASSOC	s,resulting in n IATED FINDING proteinuria nce of Protein	GS	io when deh	nydratic
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Pregnancy. DECREASED RATIO (<1 Phenacimide thera Rhabdomyolysis (ri Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin ther ESTIMATED GLOMERL G1 G2 	(e.g. ureter col ass (subnormal tetracycline, gl 0:1) WITH ELEV (BUN rises disp superimposed 0:1) WITH DECF osis. Id starvation. creased urea sy urea rather tha monemias (ure f inappropiate 0:1) WITH INCR oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/cr apy (interferes LAR FILTERATION NO K NO K MOC	ostomy) creatinine productior ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : ATEL CREATININE IN antidiuretic harmone) EASED CREATININE: conversion of creating creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measu DESCRIPTION rmal kidney function idney damage with normal or high GFR	ELS: than creating blood). due to tubus e to creating rement). GFR (r	cellular fluid). lar secretion of urea ne). ne with certain meth nL/min/1.73m2) >90 >90	hodologie ASSOC	s,resulting in n IATED FINDING proteinuria nce of Protein	GS	io when def	nydratic



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

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









	COLLECTION DATE REPORTING DATE	: 09/Jan/2025 01:15PM : 09/Jan/2025 02:20PM
KOS DIAGNOSTIC LAB		
01523687	COLLECTION DATE	: 09/Jan/2025 01:15PM
I	REGISTRATION DATE	: 09/Jan/2025 01:13 PM
J	REG. NO./LAB NO.	: 012501090045
33 YRS/MALE	PATIENT ID	: 1719927
Mr. NITESH		
MD (Pathology & Microbiology) Chairman & Consultant Pathologist		(Pathology) Pathologist
Dr. Vinay Chopra		
	MD (Pathology & Microbiology) Chairman & Consultant Pathologist Ar. NITESH 33 YRS/MALE	MD (Pathology & Microbiology) Chairman & Consultant Pathologist Mr. NITESH

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)

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







	Dr. Vinay Ch MD (Pathology & Chairman & Cons		Dr. Yugan MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER	: Mr. NITESH : 33 YRS/MALE	РАТ	TENT ID	: 1719927
COLLECTED BY	:	REG	. NO./LAB NO.	: 012501090045
REFERRED BY	:	REG	ISTRATION DATE	: 09/Jan/2025 01:13 PM
BARCODE NO.	: 01523687	COL	LECTION DATE	:09/Jan/202501:15PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		ORTING DATE	: 09/Jan/2025 01:56PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PA	THOLOGY	
	URINE RO	UTINE & MICRO	SCOPIC EXAMIN	ATION
PHYSICAL EXAMI	NATION			
QUANTITY RECIEV		10	ml	
COLOUR	TANCE SPECTROPHOTOMETRY	PALE YELLOV	V	PALE YELLOW
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
SPECIFIC GRAVITY	TANCE SPECTROPHOTOMETRY	1.02		1.002 - 1.030
CHEMICAL EXAMI				
REACTION		ACIDIC		
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
pH by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	5.5		5.0 - 7.5
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY.	Normal	EU/dL	0.2 - 1.0
	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
BLOOD by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID	TANCE SPECTROPHOTOMETRY	NEGATIVE (-v	ve)	NEGATIVE (-ve)
RED BLOOD CELLS		NEGATIVE (-v	ve) /HPF	0 - 3

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 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com









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

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

NAME	: Mr. NITESH				
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT	2		
Test Name		Value	Unit	Biological Reference interval	
by MICROSCOPY ON	CENTRIFUGED URINARY SEDIMENT				
PUS CELLS		2-3	/HPF	0 - 5	

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-0	/ 111 1	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 ***





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

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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

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