



	<b>Dr. Vinay Chopr</b> MD (Pathology & Mic Chairman & Consulta	robiology)		(Pathology)
NAME	: Mr. JAGBIR SINGH			
AGE/ GENDER	: 44 YRS/MALE		PATIENT ID	: 1105985
COLLECTED BY	:		REG. NO./LAB NO.	: 042409020002
<b>REFERRED BY</b>	:		<b>REGISTRATION DATE</b>	: 02/Sep/2024 09:01 AM
BARCODE NO.	: A0465398		COLLECTION DATE	: 02/Sep/2024 04:21PM
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD		REPORTING DATE	: 02/Sep/2024 05:07PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	SALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SWAST		LINESS PANEL: 15.0	
			OOD COUNT (CBC)	
RED BLOOD CELLS (R	BCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)		10.1 <sup>L</sup>	gm/dL	12.0 - 17.0
RED BLOOD CELL (RB		4.09	Millions/c	cmm 3.50 - 5.00
PACKED CELL VOLUM	DCUSING, ELECTRICAL IMPEDENCE E (PCV)	33.9 <sup>L</sup>	%	40.0 - 54.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER			
MEAN CORPUSCULAR by CALCULATED BY AU	(VOLUIVIE (IVICV) JTOMATED HEMATOLOGY ANALYZER	82.9	fL	80.0 - 100.0
	R HAEMOGLOBIN (MCH)	24.3 <sup>L</sup>	pg	27.0 - 34.0
MEAN CORPUSCULAR	R HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	29.3 <sup>L</sup>	g/dL	32.0 - 36.0
RED CELL DISTRIBUTI	ON WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	17.3 <sup>H</sup>	%	11.00 - 16.00
RED CELL DISTRIBUTI	ON WIDTH (RDW-SD)	53.6	fL	35.0 - 56.0
MENTZERS INDEX	NOWATED TEMATOLOGY ANALIZER	20.27	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDE>	(	34.51	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	6880	/cmm	4000 - 11000
NUCLEATED RED BLO		NIL		0.00 - 20.00
NUCLEATED RED BLO	OD CELLS (nRBCS) % <i>jtomated hematology analyzer</i>	NIL	%	< 10 %
NEUTROPHILS	BY SF CUBE & MICROSCOPY	60	%	50 - 70





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
 care@koshealthcare.com

 www.koshealthcare.com
 www.koshealthcare.com

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. JAGBIR SINGH **AGE/ GENDER** : 44 YRS/MALE **PATIENT ID** :1105985 **COLLECTED BY** :042409020002 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :02/Sep/2024 09:01 AM **BARCODE NO. COLLECTION DATE** :02/Sep/2024 04:21PM : A0465398 CLIENT CODE. : KOS DIAGNOSTIC SHAHBAD **REPORTING DATE** :02/Sep/2024 05:07PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** LYMPHOCYTES 26 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 7H EOSINOPHILS % 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 **IMMATURE GRANULOCTE (IG) %** 0 % 0 - 5.0 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WBC) COUNT ABSOLUTE NEUTROPHIL COUNT 4128 /cmm 2000 - 7500 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 800 - 4900 1789 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 482<sup>H</sup> /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 482 /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 /cmm 504000<sup>H</sup> by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) % 0.10 - 0.36 0.54<sup>H</sup> by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 11 fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 30000 - 90000 156000<sup>H</sup> /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 30.9 % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) % 15.0 - 17.0 15.6

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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Test Name	Value	Unit	Biological Reference interval

RECHECKED



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

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		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAI	D <b>REP</b>	ORTING DATE	: 02/Sep/2024 06:41PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLIN	NICAL CHEMISTRY	/BIOCHEMISTR	Y
	CLIN	NICAL CHEMISTRY GLUCOSE FAS		Y

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



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CLIENT ADDRESS	: 6349/1, NICH	OLSON ROAD, AN	IBALA CANTT		
Test Name			Value	Unit	Biological Reference interval
			LIPID PROFI	LE : BASIC	
CHOLESTEROL TOTA	L: SERUM		178.55	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX	(IDASE PAP				BORDERLINE HIGH: 200.0 - 239. HIGH CHOLESTEROL: > OR = 240
TRIGLYCERIDES: SER by GLYCEROL PHOSE		IZYMATIC)	277.71 <sup>H</sup>	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199. HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL (	DIRECT): SERUM		54.36	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBIT			0 1100		BORDERLINE HIGH HDL: 30.0 -
					60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL: S	SERUM		68.65	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPE		1			ABOVE OPTIMAL: 100.0 - 129.0
					BORDERLINE HIGH: 130.0 - 159
					HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLESTE	ROL: SERUM		124.19	mg/dL	OPTIMAL: < 130.0
by CALCULATED, SPE	CTROPHOTOMETRY	r i i i i i i i i i i i i i i i i i i i			ABOVE OPTIMAL: 130.0 - 159.0
					BORDERLINE HIGH: 160.0 - 189 HIGH: 190.0 - 219.0
					VERY HIGH: > OR = 220.0
VLDL CHOLESTEROL by CALCULATED, SPE		v	55.54 <sup>H</sup>	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUI	M		634.81	mg/dL	350.00 - 700.00
by CALCULATED, SPE CHOLESTEROL/HDL I		r	3.28	RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPE	CTROPHOTOMETRY	ł –			AVERAGE RISK: 4.50 - 7.0
					MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0
LDL/HDL RATIO: SER	NM		1.26	RATIO	LOW RISK: > 11.0
by CALCULATED, SPE		ſ			MODERATE RISK: 3.10 - 6.0
					HIGH RISK: > 6.0



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Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD		5.11 <sup>H</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
	LIVE	R FUNCTION	TEST (COMPLETE)	
BILIRUBIN TOTAL: S by diazotization, si	ERUM PECTROPHOTOMETRY	0.32	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	CONJUGATED): SERUM	0.11	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT by CALCULATED, SPE	(UNCONJUGATED): SERUM	0.21	mg/dL	0.10 - 1.00
SGOT/AST: SERUM	RIDOXAL PHOSPHATE	38.9	U/L	7.00 - 45.00
SGPT/ALT: SERUM	RIDOXAL PHOSPHATE	48.1	U/L	0.00 - 49.00
AST/ALT RATIO: SER	UM	0.81	RATIO	0.00 - 46.00
ALKALINE PHOSPHA		60.46	U/L	40.0 - 130.0
GAMMA GLUTAMYI by szasz, spectro	L TRANSFERASE (GGT): SERUM	69.28 <sup>H</sup>	U/L	0.00 - 55.0
TOTAL PROTEINS: SE		7.52	gm/dL	6.20 - 8.00

TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY 3.83 ALBUMIN: SERUM by BROMOCRESOL GREEN **GLOBULIN: SERUM** 3.69<sup>H</sup> by CALCULATED, SPECTROPHOTOMETRY 1.04 A : G RATIO: SERUM

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:**

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

gm/dL

gm/dL

RATIO

3.50 - 5.50

2.30 - 3.50

1.00 - 2.00



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Tost Namo		aluo Unit	<b>Biological Poforonco intorval</b>

Test Name	Value	Unit	Biological 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 interva
	KI	ONEY FUNCTI	ON TEST (COMPLETE)	
UREA: SERUM		20.78	mg/dL	10.00 - 50.00
	ATE DEHYDROGENASE (GLDH)	20070		
CREATININE: SERUN		1.17	mg/dL	0.40 - 1.40
by ENZYMATIC, SPECTROPHOTOMETERY		0.71	ma/dl	7.0.25.0
BLOOD UREA NITROGEN (BUN): SERUM by CALCULATED, SPECTROPHOTOMETRY		9.71	mg/dL	7.0 - 25.0
BLOOD UREA NITROGEN (BUN)/CREATININE		8.3 <sup>L</sup>	RATIO	10.0 - 20.0
RATIO: SERUM				
by calculated, spi UREA/CREATININE F	ECTROPHOTOMETRY	17.76	RATIO	
by CALCULATED, SPE		17.70	KATIO	
URIC ACID: SERUM		4.67	mg/dL	3.60 - 7.70
by URICASE - OXIDAS	SE PEROXIDASE	0.74		
CALCIUM: SERUM by arsenazo III, spe	CTROPHOTOMETRY	9.71	mg/dL	8.50 - 10.60
PHOSPHOROUS: SER		3.75	mg/dL	2.30 - 4.70
by PHOSPHOMOLYBE	DATE, SPECTROPHOTOMETRY		3	
<u>ELECTROLYTES</u>				
Sodium: Serum		140.2	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV		1 74	mmol /l	3 50 5 00
POTASSIUM: SERUM by ISE (ION SELECTIV		4.26	mmol/L	3.50 - 5.00
CHLORIDE: SERUM	/	105.15	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	-			
	RULAR FILTERATION RATE			
	RULAR FILTERATION RATE	78.8		
(eGFR): SERUM				
INITERDOFTATION:				

**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	Unit	Biological	Reference interval
burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< <sup>2</sup> 1. Acute tubular necr	xia, high fever). (e.g. ureter colo ass (subnormal o tetracycline, glu 0:1) WITH ELEVA (BUN rises dispr superimposed o 0:1) WITH DECRE	stomy) creatinine productio cocorticoids) <b>TED CREATININE LEV</b> oportionately more n renal disease.	n) <b>'ELS</b> :	GI bleeding, thyrotoxi (e.g. obstructive urop	icosis, Cushing's syndrom pathy).	ne, nign protein diet,
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	xia, high fever). (e.g. ureter colo ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises dispr superimposed o 0:1) WITH DECRE osis. d starvation. e. creased urea syr urea rather than monemias (urea of inappropiate a 0:1) WITH INCRE py (accelerates of eleases muscle of who develop rer : sis (acetoacetate creased BUN/cre apy (interferes v	stomy) creatinine productio cocorticoids) <b>TED CREATININE LEV</b> coportionately more n renal disease. <b>CREED BUN :</b> thesis. creatinine diffuses is virtually absent ir ntidiuretic harmone) <b>ASED CREATININE:</b> onversion of creatin reatinine). tal failure. e causes false increatin treatinine ratio).	n) <b>FLS:</b> than creatinine) out of extracellu blood). due to tubular te to creatinine). se in creatinine	(e.g. obstructive urop lar fluid). secretion of urea.		
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	xia, high fever). (e.g. ureter colo ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises dispr superimposed o 0:1) WITH DECRE osis. d starvation. e. creased urea syr urea rather than monemias (urea of inappropiate a 0:1) WITH INCRE py (accelerates of eleases muscle of who develop rer : sis (acetoacetate creased BUN/cre apy (interferes v	stomy) creatinine productio cocorticoids) <b>TED CREATININE LEV</b> coportionately more n renal disease. <b>CREED BUN :</b> thesis. creatinine diffuses is virtually absent ir ntidiuretic harmone) <b>ASED CREATININE:</b> onversion of creatin reatinine). tal failure. e causes false increatin treatinine ratio). vith creatinine measu	n) <b>FLS:</b> than creatinine) out of extracellu h blood). due to tubular te to creatinine). se in creatinine furement).	(e.g. obstructive urop lar fluid). secretion of urea.	bathy). logies,resulting in norma	
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	xia, high fever). (e.g. ureter colo ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises dispr superimposed o 0:1) WITH DECRE osis. d starvation. e. creased urea syr urea rather than monemias (urea of inappropiate a 0:1) WITH INCRE py (accelerates of eleases muscle of who develop rer : sis (acetoacetate creased BUN/cre apy (interferes w	stomy) creatinine productio cocorticoids) <b>TED CREATININE LEV</b> coportionately more n renal disease. <b>CREED BUN :</b> thesis. creatinine diffuses is virtually absent ir ntidiuretic harmone) <b>ASED CREATININE:</b> onversion of creatin reatinine). tal failure. e causes false increatin treatinine ratio).	n) <b>FLS:</b> than creatinine) out of extracellu blood). due to tubular to creatinine). se in creatinine - urement). GFR ( mL/r	(e.g. obstructive urop lar fluid). secretion of urea.	bathy).	
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 OKD STAGE	xia, high fever). (e.g. ureter colo ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises dispr superimposed o 0:1) WITH DECRE osis. Ind starvation. e. creased urea syr urea rather than monemias (urea of inappropiate a 0:1) WITH INCRE py (accelerates of eleases muscle of who develop rer : sis (acetoacetate creased BUN/crea apy (interferes w ILAR FILTERATION North	stomy) creatinine productio cocorticoids) <b>TED CREATININE LEV</b> coportionately more n renal disease. <b>CASED BUN :</b> thesis. creatinine diffuses is virtually absent ir ntidiuretic harmone) <b>ASED CREATININE:</b> onversion of creatin reatinine). tal failure. e causes false increase tratinine ratio). vith creatinine mease <b>J RATE:</b> <b>DESCRIPTION</b>	n) <b>FLS:</b> than creatinine) out of extracellu blood). due to tubular te to creatinine). se in creatinine urement). GFR ( mL/i	(e.g. obstructive urop lar fluid). secretion of urea. with certain methodo	bathy). logies,resulting in norma SSOCIATED FINDINGS	

Courses do ano a la CED	
Severe decrease in GFR	
Kidney failure	

G3a

G3b

G4 G5

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

Mild decrease in GFR

Moderate decrease in GFR

Kidney failure

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

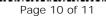
60 - 89

30-59

15-29

<15





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 Chopra MD (Pathology & Microbic Chairman & Consultant Pa		(Pathology)
NAME	: Mr. JAGBIR SINGH		
AGE/ GENDER	: 44 YRS/MALE	PATIENT ID	: 1105985
COLLECTED BY	:	<b>REG. NO./LAB NO.</b>	: 042409020002
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 02/Sep/2024 09:01 AM
BARCODE NO.	: A0465397	<b>COLLECTION DATE</b>	: 02/Sep/2024 04:21PM
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD	<b>REPORTING DATE</b>	: 02/Sep/2024 05:40PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA	CANTT	
Test Name	Va	lue 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

End Of Report \*\*\*





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

