

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chopra	ı	Dr. Yugan	n Chopra
	MD (Pathology & Micr Chairman & Consultar	obiology)	MD	(Pathology)
NAME	: Mr. VIJAY GUPTA			
AGE/ GENDER	: 86 YRS/MALE		PATIENT ID	: 1750853
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012502090039
REFERRED BY	:		REGISTRATION DATE	: 09/Feb/2025 11:33 AM
BARCODE NO.	: 01525218		COLLECTION DATE	: 09/Feb/2025 11:38AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 09/Feb/2025 12:25PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB/	ALA CANT I		
Test Name		Value	Unit	Biological Reference interval
	SWAST	'HYA WH	ELLNESS PANEL: G	
	СОМР	LETE BLO	DOD COUNT (CBC)	
RED BLOOD CELLS	(RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HI	3)	16.1	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (I	RBC) COUNT	5.35 ^H	Millions	/cmm 3.50 - 5.00
PACKED CELL VOLU		48.5	%	40.0 - 54.0
MEAN CORPUSCULA	AR VOLUME (MCV) JTOMATED HEMATOLOGY ANALYZER	90.7	fL	80.0 - 100.0
	AR HAEMOGLOBIN (MCH) JTOMATED HEMATOLOGY ANALYZER	30	pg	27.0 - 34.0
MEAN CORPUSCULA	AR HEMOGLOBIN CONC. (MCHC) JTOMATED HEMATOLOGY ANALYZER	33.1	g/dL	32.0 - 36.0
	JTION WIDTH (RDW-CV) JTOMATED HEMATOLOGY ANALYZER	15.7	%	11.00 - 16.00
	JTION WIDTH (RDW-SD) JTOMATED HEMATOLOGY ANALYZER	53.4	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		16.95	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING IND by calculated WHITE BLOOD CEI		26.53	RATIO	BETA THALASSEMIA TRAIT:< 65.0 IRON DEFICIENCY ANEMIA: > 65.0
TOTAL LEUCOCYTE		5750	/cmm	4000 - 11000
by FLOW CYTOMETRY	BY SF CUBE & MICROSCOPY LOOD CELLS (nRBCS)			
	LOOD CELLS (NKBCS) T HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
	LOOD CELLS (nRBCS) %	NIL	%	< 10 %





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Page 1 of 13







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MD (Pathology) CEO & Consultant Pathologist

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			/

Test Name	Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	73 ^H	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	18 ^L	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	8	%	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	4198	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1035	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by flow cytometry by sf cube & microscopy	58	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	460	/cmm	80 - 880
PLATELETS AND OTHER PLATELET PREDICTIVE	<u>MARKERS.</u>		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	154000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.16	%	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	41000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	26.5	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16.4	%	15.0 - 17.0



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
GLYCOSYLATED HAE WHOLE BLOOD	MOGLOBIN (HbA1c):	COSYLATED HAEMOGI 5.2	LOBIN (HBA1C) %	4.0 - 6.4
ESTIMATED AVERAG	iance liquid chromatography) E PLASMA GLUCOSE iance liquid chromatography)	102.54	mg/dL	60.00 - 140.00
	AS PER AMERICAN DIAE	BETES ASSOCIATION (ADA):		
	REFERENCE GROUP GL		Moglogib (HBAIC) ir	1 %
	etic Adults >= 18 years	\	<5.7	
	Risk (Prediabetes)		.7 - 6.4	
Dia	gnosing Diabetes		>= 6.5 > 19 Years	
		Goals of Therapy:	< 7.0	
Therapeutic	goals for glycemic control	Actions Suggested:	>8.0	
			< 19 Years	

COMMENTS:

1.Glycosylated hemoglobin (HbA1c) test is three monthly monitoring done to assess compliace with therapeutic regimen in diabetic patients.

2.Since Hb1c reflects long term fluctuations in blood glucose concentration, a diabetic patient who has recently under good control may still have high concentration of HbAlc. Converse is true for a diabetic previously under good control but now poorly controlled.

<7.5

Goal of therapy:

3. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targetting a goal of < 7.0% may not be appropriate. 4. High

HbA1c (>9.0 -9.5 %) is strongly associated with risk of development and rapid progression of microvascular and nerve complications 5. Any condition that shorten RBC life span like acute blood loss, hemolytic anemia falsely lower HbA1c results.

6.HbA1c results from patients with HbSS,HbSC and HbD must be interpreted with caution, given the pathological processes including anemia, increased red cell turnover, and transfusion requirement that adversely impact HbA1c as a marker of long-term gycemic control.

7.Specimens from patients with polycythemia or post-splenctomy may exhibit increse in HbA1c values due to a somewhat longer life span of the red cells.





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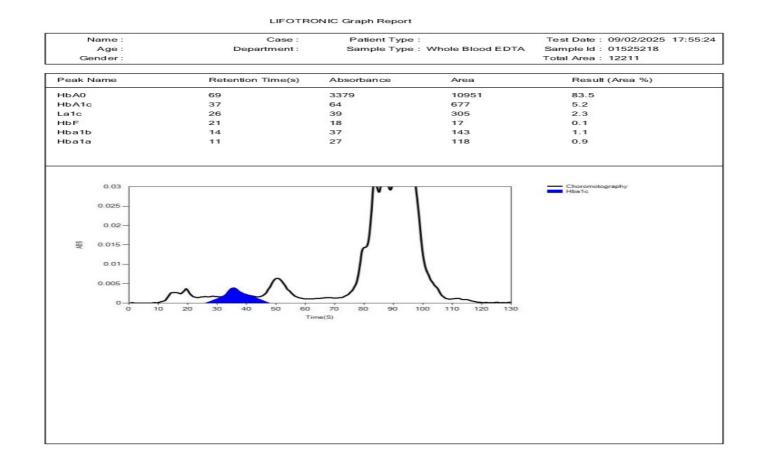


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Test Name	Va	lue Unit	Biological Reference interval







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LIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 09/Feb/2025 12:54PM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Cest Name		Value	Unit	Biological Reference interval
<i>by RED CELL AGGRE</i> NTERPRETATION: . ESR is a non-specimmune disease, but	DIMENTATION RATE (ESR) GATION BY CAPILLARY PHOTOME fic test because an elevated res does not tell the health practil cted by other conditions beside	sult often indicates the pre tioner exactly where the ir	mm/1st h esence of inflammation filammation is in the	nr 0 - 20





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Test Name		Value	Unit	Biological Reference interval
	CLINI	CAL CHEMIS	TRY/BIOCHEMIST	'RY
		GLUCOSE	E FASTING (F)	
		75.8	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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Page 6 of 13





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
			FILE : BASIC	
HOLESTEROL TOT				OPTIMAL: < 200.0
HOLESTEROL TOT by CHOLESTEROL OX		198.59	mg/dL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
RIGLYCERIDES: SI	ERUM HATE OXIDASE (ENZYMATIC)	62.02	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
IDL CHOLESTEROI by SELECTIVE INHIBITI	L (DIRECT): SERUM	44.8	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
DL CHOLESTEROL by CALCULATED, SPE		141.39 ^H	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129. BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
ION HDL CHOLEST by CALCULATED, SPE		153.79 ^H	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159. BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
LDL CHOLESTERC		12.4	mg/dL	0.00 - 45.00
by CALCULATED, SPEC OTAL LIPIDS: SER by CALCULATED, SPEC	UM	459.2	mg/dL	350.00 - 700.00
by CALCULATED, SPEC	L RATIO: SERUM	4.43 ^H	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		3.16 ^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	1.38 ^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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMI	BALA CANTT		
Test Name		Value	Unit	Biological Reference interval
BILIRUBIN TOTAL:		FUNCTION	TEST (COMPLETE) mg/dL	INFANT: 0.20 - 8.00
•	PECTROPHOTOMETRY		Ũ	ADULT: 0.00 - 1.20
	C (CONJUGATED): SERUM	0.2	mg/dL	0.00 - 0.40
-	CT (UNCONJUGATED): SERUM	0.75	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	59.5 ^H	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	14.8	U/L	0.00 - 49.00
AST/ALT RATIO: SI by CALCULATED, SPE		4.02	RATIO	0.00 - 46.00
ALKALINE PHOSPH by Para Nitrophen Propanol	IATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	71.92	U/L	40.0 - 130.0
GAMMA GLUTAMY	L TRANSFERASE (GGT): SERUM	15.2	U/L	0.00 - 55.0

- 55.0 0.00 GAMMA GLUTAMYL TRANSFERASE U/L 15.2 (GGI): SEKUM by SZASZ, SPECTROPHTOMETRY TOTAL PROTEINS: SERUM 6.66 gm/dL 6.20 - 8.00 by BIURET, SPECTROPHOTOMETRY ALBUMIN: SERUM 4.07 gm/dL 3.50 - 5.50 by BROMOCRESOL GREEN **GLOBULIN: SERUM** 2.59 gm/dL 2.30 - 3.50 by CALCULATED, SPECTROPHOTOMETRY A : G RATIO: SERUM 1.57 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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Test Name	Va	alue 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).

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 interv
	KIDNE	EY FUNCTION	TEST (COMPLETE)	
UREA: SERUM		33.82	mg/dL	10.00 - 50.00
CREATININE: SER		1.39	mg/dL	0.40 - 1.40
by ENZYMATIC, SPEC BLOOD UREA NITE	CTROPHOTOMETERY ROGEN (BUN): SERUM	15.8	mg/dL	7.0 - 25.0
by CALCULATED, SPE	ECTROPHOTOMETRY			
RATIO: SERUM	ROGEN (BUN)/CREATININE	11.37	RATIO	10.0 - 20.0
by CALCULATED, SPE UREA/CREATININ		24.33	RATIO	
by CALCULATED, SPE		24.33	KATIO	
URIC ACID: SERUM		6.11	mg/dL	3.60 - 7.70
CALCIUM: SERUM		9.33	mg/dL	8.50 - 10.60
by ARSENAZO III, SPECTROPHOTOMETRY PHOSPHOROUS: SERUM		3.46	mg/dL	2.30 - 4.70
by PHOSPHOMOLYBE	DATE, SPECTROPHOTOMETRY	5.40	ilig/ uL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM by ISE (ION SELECTIV	/E ELECTRODE)	137.2	mmol/L	135.0 - 150.0
POTASSIUM: SERU		5.17 ^H	mmol/L	3.50 - 5.00
by ISE (ION SELECTIVE ELECTRODE) CHLORIDE: SERUM		102.9	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	/E ELECTRODE)		IIIII01/ L	00.0 110.0
	IERULAR FILTERATION RATE			
ESTIMATED GLOM (eGFR): SERUM	ERULAR FILTERATION RATE	49.4		
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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





		Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		MD (F	Chopra Pathology) Pathologist		
IAME	: Mr. VIJAY G	UPTA						
AGE/ GENDER	: 86 YRS/MAI	Æ		PATIENT ID		: 1750853		
COLLECTED BY	: SURJESH			REG. NO./LAB NO	L	: 01250209003	39	
REFERRED BY				REGISTRATION D		: 09/Feb/2025 1		
BARCODE NO.	:01525218			COLLECTION DAT		:09/Feb/20251		
CLIENT CODE.	: KOS DIAGNO	OSTIC LAB		REPORTING DAT	E	:09/Feb/20250	1:40PM	
CLIENT ADDRESS	: 6349/1, NIC	HOLSON ROAD, AMB	ALA CANTT					
Test Name			Value	Un	uit	Biolog	ical Reference	interval
burns, surgery, cache 7. Urine reabsorption 3. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1	kia, high fever). (e.g. ureter col- ass (subnormal tetracycline, gli D:1) WITH ELEV . (BUN rises disp superimposed o D:1) WITH DECF	creatinine production ucocorticoids) ATED CREATININE LEVE proportionately more to prine renal disease.) LS:				rome, high prot	ein diet,
ourns, surgery, cache 7. Urine reabsorption 3. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 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 (ro 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an ind 2. Cephalosporin ther ESTIMATED GLOMERU G1 G2	e or productio kia, high fever). (e.g. ureter col- ass (subnormal tetracycline, gli D:1) WITH ELEV. (BUN rises disp superimposed of D:1) WITH DECF osis. d starvation. creased urea sy urea rather tha nonemias (ure f inappropiate D:1) WITH INCR oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/cr apy (interferes LAR FILTERATIC NO	ostomy) creatinine production ucocorticoids) ATED CREATININE LEVE proportionately more to on renal disease. EASED BUN : The creatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). nal failure. The causes false increase eatinine ratio). with creatinine measu N RATE: DESCRIPTION mal kidney function idney damage with ormal or high GFR) LS: han creatinin ut of extrace blood). due to tubula to creatinin e in creatinin rement).	ne) (e.g. obstructive ellular fluid). ar secretion of urea e). ne with certain met L/min/1.73m2) >90 >90	e uropath a. thodologi	ıy).	rmal ratio when	
burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. NCREASED RATIO (>2 1. Postrenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 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 (ro 8. Muscular patients 1. Diabetic ketoacido 1. CED STAGE	se or productio kia, high fever). (e.g. ureter col- ass (subnormal tetracycline, gli D:1) WITH ELEV. (BUN rises disp superimposed of D:1) WITH DECF osis. d starvation. creased urea sy urea rather tha nonemias (ure f inappropiate D: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 production ucocorticoids) ATED CREATININE LEVE proportionately more to on renal disease. EASED BUN : The creatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). nal failure. The causes false increass eatinine ratio). with creatinine measu IN RATE: DESCRIPTION mal kidney function idney damage with) LS: han creatinin ut of extrace blood). due to tubula to creatinin e in creatinin rement).	ne) (e.g. obstructive ellular fluid). ar secretion of urea e). ne with certain met L/min/1.73m2) >90	e uropath a. thodologi	es,resulting in no DCIATED FINDINGS No proteinuria Sence of Protein ,	rmal ratio when	
ourns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 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 (ro 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an ind 2. Cephalosporin ther ESTIMATED GLOMERU G1 G2 G3	se or productio kia, high fever). (e.g. ureter col- ass (subnormal tetracycline, gli D:1) WITH ELEV. (BUN rises disp superimposed of D:1) WITH DECF osis. d starvation. creased urea sy urea rather tha nonemias (ure f inappropiate D:1) WITH INCR oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/cr apy (interferes LAR FILTERATIC No K No K M	ostomy) creatinine production ucocorticoids) ATED CREATININE LEVE proportionately more to on renal disease. EASED BUN : The creatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). nal failure. The causes false increase eatinine ratio). with creatinine measu N RATE: DESCRIPTION mal kidney function idney damage with ormal or high GFR ild decrease in GFR) LS: han creatinin ut of extrace blood). due to tubula to creatinin e in creatinin rement).	he) (e.g. obstructive ellular fluid). ar secretion of urea e). he with certain met L/min/1.73m2) >90 >90 60 -89	e uropath a. thodologi	es,resulting in no DCIATED FINDINGS No proteinuria Sence of Protein ,	rmal ratio when	





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







	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Patholog		(Pathology)
NAME	: Mr. VIJAY GUPTA		
AGE/ GENDER	: 86 YRS/MALE	PATIENT ID	: 1750853
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012502090039
REFERRED BY	:	REGISTRATION DATE	: 09/Feb/2025 11:33 AM
BARCODE NO.	: 01525218	COLLECTION DATE	: 09/Feb/2025 11:38AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 09/Feb/2025 01:40PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Т	
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

End Of Report ***





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