

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	<b>Dr. Vinay Chopra</b> MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)	
NAME	: Mr. ANIL SOOD				
AGE/ GENDER	: 72 YRS/MALE		PATIENT ID	: 175657	70
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	:01250	2140019
<b>REFERRED BY</b>	:		<b>REGISTRATION DATE</b>	:14/Feb	o/2025 10:12 AM
BARCODE NO.	: 01525490		COLLECTION DATE	:14/Feb	o/2025 10:24AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	:14/Feb	o/2025 10:50AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB/	ALA CANTI	ſ		
Test Name		Value	Unit		Biological Reference interval
	SWAST	HYA WE	ELLNESS PANEL: 1.	0	
	COMP	PLETE BL	OOD COUNT (CBC)		
RED BLOOD CELLS	(RBCS) COUNT AND INDICES				
HAEMOGLOBIN (HE	3)	13.7	gm/dL		12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (F	RBC) COUNT	4.67	Millions	/cmm	3.50 - 5.00
PACKED CELL VOLU		41.3	%		40.0 - 54.0
MEAN CORPUSCULA		88.5	fL		80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH) JTOMATED HEMATOLOGY ANALYZER	29.3	pg		27.0 - 34.0
	AR HEMOGLOBIN CONC. (MCHC) JTOMATED HEMATOLOGY ANALYZER	33.1	g/dL		32.0 - 36.0
	JTION WIDTH (RDW-CV) JTOMATED HEMATOLOGY ANALYZER	14.3	%		11.00 - 16.00
	JTION WIDTH (RDW-SD) JTOMATED HEMATOLOGY ANALYZER	47.7	fL		35.0 - 56.0
MENTZERS INDEX		18.95	RATIO		BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING IND by calculated	EX	27.07	RATIO		BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CEL	LS (WBCS)				
TOTAL LEUCOCYTE by flow cytometry	COUNT (TLC) by sf cube & microscopy	5570	/cmm		4000 - 11000
by AUTOMATED 6 PAR	LOOD CELLS (nRBCS) t hematology analyzer	NIL			0.00 - 20.00
	LOOD CELLS (nRBCS) % JTOMATED HEMATOLOGY ANALYZER	NIL	%		< 10 %





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Dr. Vinay Chopra



Dr. Yugam Chopra

MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. ANIL SOOD AGE/ GENDER : 72 YRS/MALE **PATIENT ID** :1756570 **COLLECTED BY** :012502140019 : SURJESH REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :14/Feb/2025 10:12 AM : **BARCODE NO.** :01525490 **COLLECTION DATE** :14/Feb/202510:24AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :14/Feb/202510:50AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 44<sup>L</sup> % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 42<sup>H</sup> LYMPHOCYTES % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 1<sup>L</sup> % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 13<sup>H</sup> MONOCYTES % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 2451 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2339 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 56/cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 724 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE IMMATURE GRANULOCYTE COUNT 56 0.0 - 999.0/cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 168000 /cmm 150000 - 450000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 0.2 PLATELETCRIT (PCT) % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 12<sup>H</sup> fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 67000 /cmm 30000 - 90000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 40 % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 17.2<sup>H</sup> % 15.0 - 17.0

PLATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAI	A CANTT	
Test Name	T.	/alue Unit	Biological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	ERYTHRO	DCYTE SEDIN	MENTATION RATE (1	ESR)
Immune disease, but 2. An ESR can be affe as C-reactive protein 3. This test may also systemic lupus eryth CONDITION WITH LO A low ESR can be see (polycythaemia), sign as sickle cells in sick NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat	does not tell the health practition cted by other conditions besides i be used to monitor disease activit ematosus <b>W ESR</b> n with conditions that inhibit the	ner exactly where nflammation. Fo and response normal sedimen unt (leucocytosis R. of inflammation RP, either at the t, making it a bet pes of proteins,	e the inflammation is in the r this reason, the ESR is typ to therapy in both of the a tation of red blood cells, su ), and some protein abno start of inflammation or as <b>ter marker of inflammatior</b> globulins or fibrinogen.	picallý used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count rmalities. Some changes in red cell shape (sucl s it resolves. <b>1.</b>
5. Drugs such as dex aspirin, cortisone, ar	ran, methyldopa, oral contracepti id quinine may decrease it	ives, penicillamii	ne procainamide, theophyl	lline, and vitamin A can increase ESR, while





DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST

MBBS, MD (PATHOLOGY)



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		hopra & Microbiology) onsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	CLINI	CAL CHEMISTRY		TRY
		GLUCOSE FAS	ГING (F)	
GLUCOSE FASTING	F (F): PLASMA E - PEROXIDASE (GOD-POD)	106.12 <sup>H</sup>	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)



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**IN ACCRDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:** 1. A fasting plasma glucose level below 100 mg/dl is considered normal. 2. 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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LIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Fest Name		Value	Unit	<b>Biological Reference interval</b>
		LIPID PRO	OFILE : BASIC	
CHOLESTEROL TOTA		143.29	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OXIL	DASE PAP			BORDERLINE HIGH: 200.0 -
				239.0 HIGH CHOLESTEROL: > OR =
				240.0
RIGLYCERIDES: SE		75.35	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSPH.	ATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 - 199.0
				HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
IDL CHOLESTEROL by SELECTIVE INHIBITIO		39.96	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBITIO	11			BORDERLINE HIGH HDL: 30.0 60.0
				HIGH HDL: $> OR = 60.0$
DL CHOLESTEROL:		88.26	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPEC	TROPHOTOMETRY			ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 -
				159.0
				HIGH: 160.0 - 189.0
JON UDI CUOI ESTE		102.22	mg/dI	VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0
NON HDL CHOLESTE by calculated, spec		103.33	mg/dL	ABOVE OPTIMAL: 130.0 - 159.0
				BORDERLINE HIGH: 160.0 -
				189.0 HIGH: 190.0 - 219.0
				VERY HIGH: > OR = 220.0
LDL CHOLESTEROI		15.07	mg/dL	0.00 - 45.00
by CALCULATED, SPEC		361.93	mg/dL	350.00 - 700.00
by CALCULATED, SPEC		301.93	iiig/ uL	550.00 - 700.00
CHOLESTEROL/HDL		3.59	RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPEC	IRUPHUIUMEIKY			AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0





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Test Name		Value	Unit	<b>Biological Reference interval</b>
LDL/HDL RATIO: S by CALCULATED, SPE		2.21	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE		1.89 <sup>L</sup>	RATIO	3.00 - 5.00

### INTERPRETATION:

1. Measurements in the same patient can show physiological analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.

2. As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.

 Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
 NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement





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U/L

U/L

gm/dL

gm/dL

gm/dL

RATIO

40.0 - 130.0

0.00 - 55.0

6.20 - 8.00

3.50 - 5.50

2.30 - 3.50

1.00 - 2.00

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Test Name		Value	Unit	Biological Reference interval
	LIVER	FUNCTION	TEST (COMPLETE)	
BILIRUBIN TOTAL: by DIAZOTIZATION, SF	SERUM PECTROPHOTOMETRY	0.44	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	C (CONJUGATED): SERUM	0.11	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE by CALCULATED, SPE	CT (UNCONJUGATED): SERUM	0.33	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	30.4	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	29.4	U/L	0.00 - 49.00
AST/ALT RATIO: SI by CALCULATED, SPE		1.03	RATIO	0.00 - 46.00

82.54

21.82

6.51

3.95

2.56

1.54

GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY
A : G RATIO: SERUM by calculated, spectrophotometry

by SZASZ, SPECTROPHTOMETRY TOTAL PROTEINS: SERUM

by BIURET, SPECTROPHOTOMETRY

ALKALINE PHOSPHATASE: SERUM

by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL

GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM

## INTERPRETATION

ALBUMIN: SERUM

by BROMOCRESOL GREEN

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:**

PROPANOL

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





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#### **DECREASED:**

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

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

NORMAL	< 0.65
GOOD PROGNOSTIC SIGN	0.3 - 0.6
POOR PROGNOSTIC SIGN	1.2 - 1.6



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Test Name		Value	Unit	<b>Biological Reference interval</b>	
	KIDNE	Y FUNCTIO	N TEST (COMPLETE)		
UREA: SERUM		26.86	mg/dL	10.00 - 50.00	
	ATE DEHYDROGENASE (GLDH)		C		
CREATININE: SERU		1.1	mg/dL	0.40 - 1.40	
	OGEN (BUN): SERUM	12.55	mg/dL	7.0 - 25.0	
by CALCULATED, SPE	by CALCULATED, SPECTROPHOTOMETRY				
	OGEN (BUN)/CREATININE	11.41	RATIO	10.0 - 20.0	
RATIO: SERUM by CALCULATED, SPE	CTROPHOTOMETRY				
UREA/CREATININI	E RATIO: SERUM	24.42	RATIO		
by CALCULATED, SPE URIC ACID: SERUM		4.53	mg/dL	3.60 - 7.70	
by URICASE - OXIDAS		4.00	ilig/ uL	3.00 - 1.10	
CALCIUM: SERUM		9.25	mg/dL	8.50 - 10.60	
by ARSENAZO III, SPE PHOSPHOROUS: SE		3.61	mg/dL	2.30 - 4.70	
	ATE, SPECTROPHOTOMETRY	0.01	ing, di		
ELECTROLYTES					
SODIUM: SERUM		144.5	mmol/L	135.0 - 150.0	
by ISE (ION SELECTIVE ELECTRODE) POTASSIUM: SERUM		4.6	mmol/L	3.50 - 5.00	
by ISE (ION SELECTIVE ELECTRODE)		108.38			
	CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)		mmol/L	90.0 - 110.0	
	ELECTRODE)				
	ERULAR FILTERATION RATE	71.3			
(eGFR): SERUM					
by CALCULATED 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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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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





	1	<b>Dr. Vinay Chopra</b> 1D (Pathology & Micro Chairman & Consultan	obiology)		<b>Yugam Cho</b> MD (Patho Isultant Patho	ology)		
AME	: Mr. ANIL SO	0 <b>D</b>						
GE/ GENDER	: 72 YRS/MALI	E		PATIENT ID	: 17	56570		
COLLECTED BY	: SURJESH			REG. NO./LAB NO.	:0	250214001	9	
REFERRED BY				<b>REGISTRATION D</b>		/Feb/2025 10		
	·					Feb/2025 10		
ARCODE NO.	:01525490			COLLECTION DAT				
LIENT CODE.	: KOS DIAGNO			REPORTING DATI	\$ :14	/Feb/2025 12	:29PM	
LIENT ADDRESS	: 6349/1, NICI	IOLSON ROAD, AMBA	LA CANTT					
Fest Name			Value	Un	it	Biologic	cal Reference	interval
<ol> <li>Reduced muscle m</li> <li>Certain drugs (e.g.</li> <li>NCREASED RATIO (&gt;2</li> <li>Postrenal azotemia</li> <li>Prerenal azotemia</li> <li>DECREASED RATIO (&lt;1</li> <li>Acute tubular necre</li> </ol>	tetracycline, glu <b>0:1) WITH ELEVA</b> (BUN rises displ superimposed o <b>0:1) WITH DECR</b> psis.	creatinine production cocorticoids) <b>TED CREATININE LEVE</b> oportionately more t n renal disease.	LS:	ne) (e.g. obstructive	e uropathy).			
B. Reduced muscle m     Certain drugs (e.g.     NCREASED RATIO (>2     Postrenal azotemia     Prerenal azotemia     DECREASED RATIO (<1     Acute tubular necro     Low protein diet ar     Severe liver disease     Other causes of de     Repeated dialysis (     Inherited hyperam     SIADH (syndrome c     Rhabdomyolysis (ro     Rhabdomyolysis (ro     NAPPROPIATE RATIO     Diabetic ketoacido     hould produce an inc     CENTATED GLOMERU     CENTATED GLOMERU     G1     G2     G3a     G3b	ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises dispi- superimposed o 0:1) WITH DECRI osis. d starvation. creased urea syr- urea rather thar monemias (urea f inappropiate a 0:1) WITH INCRE oy (accelerates of eleases muscle of who develop rer sis (acetoacetate creased BUN/creased apy (interferes v LAR FILTERATION Nor King Nor King Mode	cocorticoids) TED CREATININE LEVE roportionately more t n renal disease. ASED BUN : ASED BUN : ASED CREATININE: onversion of creatine reatinine (alse increase reatinine ratio). //th creatinine measure //th crea	LS: nan creatini ut of extrac blood). due to tubu to creatinir e in creatini rement).	ellular fluid). lar secretion of urea ne). ne with certain met <u>hL/min/1.73m2 ) &gt;90 &gt;90 60 -89 30-59</u>	hodologies,re ASSOCIAT No pr Presence	esulting in norr ED FINDINGS roteinuria e of Protein , or cast in urine		dehydrat
B. Reduced muscle m     Certain drugs (e.g.     NCREASED RATIO (>2     Postrenal azotemia     Prerenal azotemia     DECREASED RATIO (<1     Acute tubular necro     Low protein diet ar     Severe liver disease     Other causes of de     Severe liver disease     Other causes of de     Severe liver disease     Other causes of de     Severe liver disease     Acute tubular necro     Severe liver disease     Other causes of de     Severe liver disease     Acute tubular necro     Acute tubular necro     Severe liver disease     Acute tubular necro     Acute t	ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises dispi- superimposed o 0:1) WITH DECRI osis. d starvation. creased urea syr- urea rather thar monemias (urea f inappropiate a 0:1) WITH INCRE oy (accelerates of eleases muscle of who develop rer sis (acetoacetate creased BUN/creased apy (interferes v LAR FILTERATION Nor King Nor King Mode	creatinine production cocorticoids) TED CREATININE LEVE oportionately more t in renal disease. ASED BUN : Creatinine diffuses o is virtually absent in ntidiuretic harmone) ASED CREATININE: onversion of creatine reatinine). tal failure. Causes false increase eatinine ratio). <i>v</i> ith creatinine measure MATE: DESCRIPTION mal kidney function diney damage with ormal or high GFR d decrease in GFR	LS: nan creatini ut of extrac blood). due to tubu to creatinir e in creatini rement).	ellular fluid). lar secretion of urea ne). ne with certain met <u>hL/min/1.73m2 ) &gt;90 &gt;90 60 -89</u>	hodologies,re ASSOCIAT No pr Presence	ED FINDINGS roteinuria e of Protein ,		dehydrat





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	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiolog Chairman & Consultant Patho		(Pathology)
NAME	: Mr. ANIL SOOD		
AGE/ GENDER	: 72 YRS/MALE	PATIENT ID	: 1756570
<b>COLLECTED BY</b>	: SURJESH	<b>REG. NO./LAB NO.</b>	: 012502140019
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 14/Feb/2025 10:12 AM
BARCODE NO.	: 01525490	<b>COLLECTION DATE</b>	: 14/Feb/2025 10:24AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 14/Feb/2025 12:29PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	NTT	
			/
Test Name	Value	Unit	<b>Biological Reference interval</b>

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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CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 14/Feb/2025 11:22AM		
CLIENT ADDRESS	LIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT					
Test Name		Value	Unit	Biological Reference interval		
		CLINICAL PA	THOLOGY			
	URINE RO	UTINE & MICRO	SCOPIC EXAMINA	ATION		
PHYSICAL EXAMIN	ATION					
QUANTITY RECIEVI	ED TANCE SPECTROPHOTOMETRY	10	ml			
COLOUR		PALE YELLO	W	PALE YELLOW		
TRANSPARANCY	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR		
SPECIFIC GRAVITY	TANCE SPECTROPHOTOMETRY	1.02		1.002 - 1.030		
CHEMICAL EXAMIN	NATION					
REACTION	TANCE SPECTROPHOTOMETRY	ACIDIC				
PROTEIN	TANCE SPECTROPHOTOMETRY	Trace		NEGATIVE (-ve)		
SUGAR	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)		
pH	TANCE SPECTROPHOTOMETRY	<=5.0		5.0 - 7.5		
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)		
NITRITE	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)		
UROBILINOGEN	TANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0		
KETONE BODIES		Negative		NEGATIVE (-ve)		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY BLOOD		Negative		NEGATIVE (-ve)		
ASCORBIC ACID by DIP STICK/REFLECT	TANCE SPECTROPHOTOMETRY	NEGATIVE (-	ve)	NEGATIVE (-ve)		
MICROSCOPIC EXA RED BLOOD CELLS		NEGATIVE (-	ve) /HPF	0 - 3		





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

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Test Name		Value	Unit	Biological Reference interval
by MICROSCOPY ON O	CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON (	CENTRIFUGED URINARY SEDIMENT	3-4	/HPF	0 - 5
FPITHELIAL CELLS	S	1_2	/HDE	ABSENT

EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-3	/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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