



KOS Diagnostic Lab (A Unit of KOS Healthcare)

	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)	MD	n Chopra) (Pathology) 1t Pathologist	
IAME	: Mr. KAM SINGH				
GE/ GENDER	: 72 YRS/MALE		PATIENT ID	: 1781735	
OLLECTED BY	:		REG. NO./LAB NO.	:0125030	070033
EFERRED BY	:		REGISTRATION DATE	:07/Mar/2	2025 10:21 AM
	: 01526622		COLLECTION DATE		2025 10:22AM
	: KOS DIAGNOSTIC LAB		REPORTING DATE	:07/Mar/2	2025 10:39AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB/	ALA CANT'I			
Fest Name		Value	Unit	В	iological Reference interval
	SWAST	HYA WE	LLNESS PANEL: 1.	0	
	COMP	PLETE BL	OOD COUNT (CBC)		
ED BLOOD CELLS (RBCS) COUNT AND INDICES				
IAEMOGLOBIN (HB)		15.5	gm/dL	1	2.0 - 17.0
by CALORIMETRIC ED BLOOD CELL (RI	BC) COUNT CUSING, ELECTRICAL IMPEDENCE	5.04 ^H	Millions	/cmm 3	.50 - 5.00
ACKED CELL VOLUM		46.8	%	4	0.0 - 54.0
IEAN CORPUSCULA		92.8	fL	8	0.0 - 100.0
IEAN CORPUSCULAI	R HAEMOGLOBIN (MCH)	30.8	pg	2	7.0 - 34.0
	R HEMOGLOBIN CONC. (MCHC)	33.2	g/dL	3	2.0 - 36.0
	FION WIDTH (RDW-CV) fomated hematology analyzer	13.3	%	1	1.00 - 16.00
	FION WIDTH (RDW-SD) FOMATED HEMATOLOGY ANALYZER	46.7	fL	3	5.0 - 56.0
MENTZERS INDEX by CALCULATED		18.41	RATIO	1 II	ETA THALASSEMIA TRAIT: < 3.0 RON DEFICIENCY ANEMIA: 13.0
REEN & KING INDE	Х	24.53	RATIO	6	ETA THALASSEMIA TRAIT:< 5.0 RON DEFICIENCY ANEMIA: >
					5.0
					000 - 11000
VHITE BLOOD CELL		7000	/		
OTAL LEUCOCYTE C		7660	/cmm	4	000 - 11000
OTAL LEUCOCYTE C by flow cytometry b UCLEATED RED BLO	COUNT (TLC)	7660 NIL	/cmm	_	.00 - 20.00





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

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





Dr. Yugam Chopra

MD (Pathology)

Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. KAM SINGH **AGE/ GENDER** : 72 YRS/MALE **PATIENT ID** :1781735 **COLLECTED BY** :012503070033 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :07/Mar/2025 10:21 AM **BARCODE NO.** :01526622 **COLLECTION DATE** :07/Mar/2025 10:22AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :07/Mar/2025 10:39AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 74^H % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 17^L % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 3 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 6 % 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 5668 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1302 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 230 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 460 /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 0.0 - 999.00 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 211000 /cmm 150000 - 450000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 0.25 PLATELETCRIT (PCT) % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 12 fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 84000 /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

16.8

Dr. Vinay Chopra

MD (Pathology & Microbiology)

PLATELET DISTRIBUTION WIDTH (PDW)

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

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

%

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15.0 - 17.0





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NAME	: Mr. KAM SINGH		
AGE/ GENDER	: 72 YRS/MALE	PATIENT ID	: 1781735
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAL	A CANTT	
Test Nome	The second se	Jahua Unit	Pialogical Deference interval

Test NameValueUnitBiological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	:07/Mar/2025 11:12AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN	MBALA CANTT	
Test Name		Value Unit	Biological Reference interval
	FDVTHDO	CYTE SEDIMENTATION RAT	rf (FSD)
FRYTHROCYTE SEI	DIMENTATION RATE (ESR)		/1st hr 0 - 20
systemic lupus erytho CONDITION WITH LOV A low ESR can be see (polycythaemia), sigr as sickle cells in sickl NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 6. Drugs such as dext	ematosus N ESR n with conditions that inhibit the n ificantly high white blood cell cou e cell anaemia) also lower the ESR e protein (C-RP) are both markers c s not change as rapidly as does CR by as many other factors as is ESR , ed, it is typically a result of two typ ye a higher ESR, and menstruation	normal sedimentation of red blood ce nt (leucocytosis) , and some protein a prinflammation. P, either at the start of inflammation making it a better marker of inflamm oes of proteins, globulins or fibrinoger and pregnancy can cause temporary e	ation. n.





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CLIENT ADDRESS	: 6349/1, NICHO	LSON ROAD, A	MBALA CANTT	,	
Test Name			Value	Unit	Biological Reference interval
		CLINIC	AL CHEMIS	TRY/BIOCHEMIST	'RY
			GLUCOSE	E FASTING (F)	
GLUCOSE FASTING	G (F): PLASMA Se - peroxidase (goi		94.75	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

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

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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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		Chopra gy & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROF	TILE : BASIC	
CHOLESTEROL TO by CHOLESTEROL O		106.61	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR =
TRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM PHATE OXIDASE (ENZYMATIC)	97.84	mg/dL	240.0 OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0
		50.00		HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTERO by SELECTIVE INHIBIT	L (DIRECT): SERUM Ton	53.99	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTERO by CALCULATED, SPE		33.05	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0
NON HDL CHOLES' by calculated, spe		52.62	mg/dL	VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0
VLDL CHOLESTER		19.57	mg/dL	VERY HIGH: > OR = 220.0 0.00 - 45.00
by CALCULATED, SPE TOTAL LIPIDS: SEF by CALCULATED, SPE	RUM	311.06 ^L	mg/dL	350.00 - 700.00
CHOLESTEROL/HI		1.97	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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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		0.61	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	1.81 ^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.

 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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Test Name		Value	Unit	Biological Reference interval
	LIVER	FUNCTION	TEST (COMPLETE)	
BILIRUBIN TOTAL: by DIAZOTIZATION, SF	SERUM PECTROPHOTOMETRY	0.71	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	(CONJUGATED): SERUM	0.21	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE by CALCULATED, SPE	CT (UNCONJUGATED): SERUM CTROPHOTOMETRY	0.5	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	22.42	U/L	7.00 - 45.00

LIVER	FUNCTION TEST (CO	MPLETE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.71	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.21	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by calculated, spectrophotometry	0.5	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	22.42	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	24.2	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by Calculated, spectrophotometry	0.93	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	124.72	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	14.7	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	7.07	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.35	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by calculated, spectrophotometry	2.72	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by Calculated, spectrophotometry	1.6	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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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 interval	
	KIDNE	Y FUNCTIO	N TEST (COMPLETE)		
UREA: SERUM		23.9	mg/dL	10.00 - 50.00	
by UREASE - GLUTAMA	ATE DEHYDROGENASE (GLDH)		0		
CREATININE: SERU by ENZYMATIC, SPECT		0.94	mg/dL	0.40 - 1.40	
-	OGEN (BUN): SERUM	11.17	mg/dL	7.0 - 25.0	
by CALCULATED, SPEC					
BLOOD UREA NITRO RATIO: SERUM	OGEN (BUN)/CREATININE	11.88	RATIO	10.0 - 20.0	
by CALCULATED, SPEC	CTROPHOTOMETRY				
UREA/CREATININE		25.43	RATIO		
by CALCULATED, SPEC URIC ACID: SERUM	STROPHOTOMETRY	7.02	mg/dL	3.60 - 7.70	
by URICASE - OXIDASE	PEROXIDASE	1.02	ilig/ uL	3.00 - 1.10	
CALCIUM: SERUM		9.92	mg/dL	8.50 - 10.60	
by ARSENAZO III, SPEC PHOSPHOROUS: SEE		2.8	mg/dL	2.30 - 4.70	
	ATE, SPECTROPHOTOMETRY	2.0	ing/ dL	2.00 1.10	
ELECTROLYTES					
SODIUM: SERUM		140.9	mmol/L	135.0 - 150.0	
by ISE (ION SELECTIVE POTASSIUM: SERUM		4.31	mmol/L	3.50 - 5.00	
by ISE (ION SELECTIVE		1.01			
CHLORIDE: SERUM by ISE (ION SELECTIVE		105.68	mmol/L	90.0 - 110.0	
	ERULAR FILTERATION RATE				
ESTIMATED GLOME (eGFR): SERUM by CALCULATED INTERPRETATION:	ERULAR FILTERATION RATE	86.1			

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 Chop MD (Pathology & Mid Chairman & Consulta	robiology)			athology)		
IAME	: Mr. KAM S	INGH						
GE/ GENDER	: 72 YRS/MA	LE		PATIENT ID		: 1781735		
COLLECTED BY	:			REG. NO./LAB NO).	: 01250307003	33	
REFERRED BY				REGISTRATION D	DATE	:07/Mar/20251	0.21 AM	
SARCODE NO.	:01526622			COLLECTION DAT		:07/Mar/2025 1		
LIENT CODE.	: KOS DIAGN	IOSTIC LAR		REPORTING DAT		:07/Mar/20251		
CLIENT ADDRESS		CHOLSON ROAD, AMI	BALA CANTT		L	. 077 Wal7 2023 1	2.431 WI	
Fest Name			Value	Ur	nit	Biolog	ical Reference in	terval
ourns, surgery, cache 2. Urine reabsorption 3. Reduced muscle m 4. Certain drugs (e.g. NCREASED RATIO (>2 4. Postrenal azotemia 5. Prerenal azotemia DECREASED RATIO (<1	kia, high fever (e.g. ureter co ass (subnorma tetracycline, g D:1) WITH ELE (BUN rises di superimposec D:1) WITH DE	lostomy) Il creatinine productic lucocorticoids) /ATED CREATININE LEN sproportionately more on renal disease.	n) /ELS:				rome, high protein	diet,
2. Urine reabsorption 3. Reduced muscle m 4. Certain drugs (e.g. NCREASED RATIO (>2 2. Postrenal azotemia 3. Prerenal azotemia DECREASED RATIO (<1 4. Acute tubular necr 5. Low protein diet ar 6. Severe liver disease 6. Other causes of de 6. Repeated dialysis (6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. DECREASED RATIO (<1 9. Phenacimide thera 1. Phenacimide thera 1. Rhabdomyolysis (ru 8. Muscular patients NAPPROPIATE RATIO 0. Diabetic ketoacido hould produce an in	e or producti kia, high fever (e.g. ureter co ass (subnorma tetracycline, co D:1) WITH ELE (BUN rises di- superimposed D:1) WITH DEC osis. d starvation. creased ureas urea rather th nonemias (ur f inappropiate D:1) WITH INC oy (accelerate eleases muscl- who develop n sis (acetoacet treased BUN/ apy (interfere LAR FILTERAT I N). Iostomy) I creatinine productic lucocorticoids) /ATED CREATININE LEN sproportionately more on renal disease. REASED BUN : ynthesis. an creatinine diffuses ea is virtually absent i antidiuretic harmone REASED CREATININE: s conversion of creatin e creatinine). enal failure. Ate causes false increating creatinine ratio). s with creatinine measion ON RATE: DESCRIPTION prmal kidney function Kidney damage with	n) TELS: than creating out of extract h blood). due to tubu the to creating se in creating urement).	ine) (e.g. obstructive eellular fluid). lar secretion of urea ne).	a.	y). es,resulting in nor <u>CIATED FINDINGS</u> lo proteinuria ence of Protein ,	rmal ratio when de	
Aurns, surgery, cache Curine reabsorption Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia DECREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Diherited hyperam SIADH (syndrome c Pregnancy. DECREASED RATIO (<1 Phenacimide thera Rhabdomyolysis (ro Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in CED STAGE G1 G2	e or producti kia, high fever (e.g. ureter co ass (subnorma tetracycline, co D:1) WITH ELE (BUN rises di- superimposed D:1) WITH DEC osis. d starvation. creased ureas urea rather th nonemias (ur f inappropiate D:1) WITH INC oy (accelerate eleases muscl- who develop r sis (acetoacet treased BUN/ apy (interfere LAR FILTERAT I N). Iostomy) I creatinine productic lucocorticoids) /ATED CREATININE LEN sproportionately more on renal disease. REASED BUN : ynthesis. an creatinine diffuses ea is virtually absent i antidiuretic harmone REASED CREATININE: s conversion of creatin e creatinine). enal failure. Ate causes false increating creatinine ratio). s with creatinine mease ON RATE: DESCRIPTION prmal kidney function Kidney damage with normal or high GFR	n) TELS: than creating out of extract h blood). due to tubu the to creating se in creating urement).	ine) (e.g. obstructive cellular fluid). lar secretion of urea ne). ne with certain me nL/min/1.73m2) >90 >90	a.	y). es,resulting in noi CIATED FINDINGS lo proteinuria	rmal ratio when de	
Context and the second	e or producti kia, high fever (e.g. ureter co ass (subnorma tetracycline, g D:1) WITH ELE (BUN rises di- superimposed D:1) WITH DEC osis. d starvation. creased ureas urea rather th nonemias (ur f inappropiate D:1) WITH INC oy (accelerate eleases muscl- who develop n sis (acetoacet treased BUN/ apy (interfere LAR FILTERATI). Iostomy) I creatinine productic lucocorticoids) /ATED CREATININE LEN sproportionately more on renal disease. REASED BUN : ynthesis. an creatinine diffuses ea is virtually absent i antidiuretic harmone REASED CREATININE: s conversion of creatin e creatinine). enal failure. Ate causes false increating creatinine ratio). s with creatinine mease ON RATE: DESCRIPTION prmal kidney function Kidney damage with normal or high GFR_ /IIId decrease in GFR	n) FELS: than creating out of extract blood).) due to tubu the to creating se in creating urement). GFR (n	ine) (e.g. obstructive cellular fluid). lar secretion of urea ne). ne with certain me <u>nL/min/1.73m2) >90 >90 60 -89</u>	a.	y). es,resulting in nor <u>CIATED FINDINGS</u> lo proteinuria ence of Protein ,	rmal ratio when de	
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	Dr. Vinay Chopra MD (Pathology & Microb Chairman & Consultant I	piology) ME	n Chopra D (Pathology) t Pathologist
NAME	: Mr. KAM SINGH		
AGE/ GENDER	: 72 YRS/MALE	PATIENT ID	: 1781735
COLLECTED BY	:	REG. NO./LAB NO.	: 012503070033
REFERRED BY	:	REGISTRATION DATE	: 07/Mar/2025 10:21 AM
BARCODE NO.	: 01526622	COLLECTION DATE	:07/Mar/2025 10:22AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 07/Mar/2025 12:49PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAL	A CANTT	
Test Name	V	/alue 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





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	CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD,		ING DATE	: 07/Mar/2025 12:04PM
	CLIENT ADDRESS	. 0349/ 1, MICHOLSON ROAD,	AMDALA CANT I		
L	Test Name		Value	Unit	Biological Reference interval
			CLINICAL PATHO	DLOGY	
		URINE RO	OUTINE & MICROSCO		ATION
	PHYSICAL EXAMIN				
	QUANTITY RECIEV	ED TANCE SPECTROPHOTOMETRY	10	ml	
	COLOUR	TANCE SPECTROPHOTOMETRY	PALE YELLOW		PALE YELLOW
	TRANSPARANCY	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
	SPECIFIC GRAVITY		1.02		1.002 - 1.030
	CHEMICAL EXAMI				
	REACTION	TANCE SPECTROPHOTOMETRY	ACIDIC		
	PROTEIN	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
	SUGAR	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
	рН	TANCE SPECTROPHOTOMETRY	5.5		5.0 - 7.5
	BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		NEGATIVE (-ve)		NEGATIVE (-ve)
	NITRITE by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY.	NEGATIVE (-ve)		NEGATIVE (-ve)
	UROBILINOGEN	TANCE SPECTROPHOTOMETRY	NOT DETECTED	EU/dL	0.2 - 1.0
	KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		NEGATIVE (-ve)		NEGATIVE (-ve)
	BLOOD	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
	ASCORBIC ACID	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
	RED BLOOD CELLS	(RBCs)	NEGATIVE (-ve)	/HPF	0 - 3

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EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

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

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

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NAME	: Mr. KAM SINGH		

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS	2-4	/HPF	0 - 5
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	0-2	/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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