

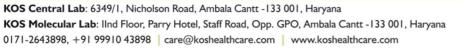


	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)	
NAME	: Mr. AAYUSH				
AGE/ GENDER	: 26 YRS/MALE		PATIENT ID	: 1708212	
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	:012412250015	
REFERRED BY	:		REGISTRATION DATE	: 25/Dec/2024 10:00	
BARCODE NO.	: 01522964		COLLECTION DATE	: 25/Dec/2024 10:11/	
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMBA	ΔΙ Δ Γ ΔΝΤ΄	REPORTING DATE	: 25/Dec/2024 10:48/	AIVI
	. 03407 1, MCHOLSON ROAD, MAD				
Test Name		Value	Unit	Biological I	Reference interval
	COMP		ELLNESS PANEL: 1.0 LOOD COUNT (CBC)		
RED BLOOD CELLS HAEMOGLOBIN (HI	S (RBCS) COUNT AND INDICES	14.3	gm/dL	12.0 - 17.0	
by CALORIMETRIC	,		Ŭ		
RED BLOOD CELL (RBC) COUNT	5.04 ^H	Millions/	cmm 3.50 - 5.00	
PACKED CELL VOLU		45.2	%	40.0 - 54.0	
MEAN CORPUSCUL		89.7	fL	80.0 - 100.	0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	28.4	pg	27.0 - 34.0	
	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	31.7 ^L	g/dL	32.0 - 36.0	
RED CELL DISTRIB	UTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	16.5 ^H	%	11.00 - 16.	00
RED CELL DISTRIB	UTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	54.9	fL	35.0 - 56.0	
MENTZERS INDEX		17.8	RATIO	13.0	LASSEMIA TRAIT: < CIENCY ANEMIA:
GREEN & KING IND by CALCULATED	DEX	29.39	RATIO	65.0	LASSEMIA TRAIT:<= CIENCY ANEMIA: >
WHITE BLOOD CE					
TOTAL LEUCOCYTE	COUNT (TLC) y by sf cube & microscopy	9420	/cmm	4000 - 110	00
NUCLEATED RED B	SLOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL		0.00 - 20.0	0
	LOOD CELLS (nRBCS) % utomated hematology analyzer	NIL	%	< 10 %	





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





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





MD (Pathology & Microbiology) Chairman & Consultant Pathologist

Dr. Vinay Chopra



Dr. Yugam Chopra 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	66	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	23	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	6	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5	%	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	6217	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2167	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	565 ^H	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	471	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by flow cytometry by sf cube & microscopy	0	/cmm	0 - 110
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	282000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.33	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	12	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	103000 ^H	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	36.5	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16.1	%	15.0 - 17.0





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA	CANTT	
Test Name	Va	lue Unit	Biological Reference interval





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		Dr. Vinay Cho MD (Pathology & Chairman & Cons	Microbiology)	M	m Chopra D (Pathology) nt Pathologist
AME	: Mr. AAYUS	H			
GE/ GENDER	: 26 YRS/MA	LE		PATIENT ID	: 1708212
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ARCODE NO.	:01522964			COLLECTION DATE	: 25/Dec/2024 10:11AM
LIENT CODE.	: KOS DIAGN	OSTIC LAB		REPORTING DATE	: 25/Dec/2024 11:03AM
LIENT ADDRESS	: 6349/1, NI	CHOLSON ROAD, A	AMBALA CANTT		
est Name			Value	Unit	Biological Reference interval
s C-reactive protein . This test may also ystemic lupus eryth ONDITION WITH LO low ESR can be see polycythaemia), sigu s sickle cells in sick IOTE: . ESR and C - reactiv . Generally, ESR doo . CRP is not affected	be used to more ematosus W ESR n with condition ificantly high v e cell anaemia e protein (C-RP is not change a by as many otl	nitor disease activi ons that inhibit the vhite blood cell co) also lower the ES) are both markers s rapidly as does C ner factors as is ESF	ty and response to normal sedimen unt (leucocytosis SR. of inflammation. RP, either at the R , making it a bett	o therapy in both of the tation of red blood cells,) , and some protein abn	typicallý used in conjunction with other test such above diseases as well as some others, such as such as a high red blood cell count normalities. Some changes in red cell shape (suc as it resolves. on.
Women tend to ha	ve a higher ESF	R, and menstruation ba, oral contracept	n and pregnancy	can cause temporary elev	vations

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REI	ORTING DATE	: 25/Dec/2024 12:23PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLIN	ICAL CHEMISTR	Y/BIOCHEMIST	'nY
		CLUCOSE EA	STING (F)	
		GLUCUSE FA		

KOS Diagnostic Lab (A Unit of KOS Healthcare)

IN ACCORDANCE 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 ROAI	D, AMBALA CANTT		
'est Name		Value	Unit	Biological Reference interval
		LIPID PRO	OFILE : BASIC	
HOLESTEROL TO	TAL: SERUM	178.88	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX		110100		BORDERLINE HIGH: 200.0 -
				239.0 HIGH CHOLESTEROL: > OR =
				240.0
RIGLYCERIDES: S		142.07	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSP	HATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 - 199.0
				HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
DL CHOLESTEROI	L (DIRECT): SERUM	34.51	mg/dL	LOW HDL: < 30.0
by Selective innibiti	ION			BORDERLINE HIGH HDL: 30.0 60.0
				HIGH HDL: $> OR = 60.0$
DL CHOLESTEROI		115.96	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPE	CIROPHOIOMEIRY			ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 -
				159.0
				HIGH: 160.0 - 189.0
ON HDL CHOLEST		144.078	mg/dL	VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0
by CALCULATED, SPE		144.37 ^H	ilig/ uL	ABOVE OPTIMAL: 130.0 - 159.0
				BORDERLINE HIGH: 160.0 -
				189.0 HIGH: 190.0 - 219.0
				VERY HIGH: $> OR = 220.0$
LDL CHOLESTERC		28.41	mg/dL	0.00 - 45.00
by CALCULATED, SPE OTAL LIPIDS: SER		499.83	mg/dL	350.00 - 700.00
by CALCULATED, SPE		433.03	iiig/ uL	330.00 - 700.00
HOLESTEROL/HD		5.18 ^H	RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPE	UIKUPHUIUMEIKY			AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0
				HIGH RISK: > 11.0



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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NAME	: Mr. AAYUSH			
AGE/ GENDER	: 26 YRS/MALE		PATIENT ID	: 1708212
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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		3.36 ^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	4.12	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
	LIVER	FUNCTION 1	TEST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SF		1.62 ^H	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	C (CONJUGATED): SERUM	0.36	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE by CALCULATED, SPE	CT (UNCONJUGATED): SERUM	1.26 ^H	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	21.9	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	64 ^H	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM	0.34	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	IATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	71.42	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM PHTOMETRY	31.74	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		6.88	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G	REEN	4.76	gm/dL	3.50 - 5.50
GLOBULIN: SERUM	I	2.12 ^L	gm/dL	2.30 - 3.50
A : G RATIO: SERUN	M CTROPHOTOMETRY	2.25 ^H	RATIO	1.00 - 2.00

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:

> 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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	MD (Pathology & N	r. Vinay Chopra Dr. Yugam D (Pathology & Microbiology) nairman & Consultant Pathologist CEO & Consultant		(Pathology)	
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Test Name		Value	Unit	Biological Reference interv	
	KIDNI	EY FUNCTION	TEST (COMPLETE)		
UREA: SERUM by UREASE - GLUTAMATH	E DEHYDROGENASE (GLDH)	19.41	mg/dL	10.00 - 50.00	
CREATININE: SERUM		0.86	mg/dL	0.40 - 1.40	
by ENZYMATIC, SPECTRO BLOOD UREA NITROO		9.07	mg/dL	7.0 - 25.0	
by CALCULATED, SPECT		9.07	iiig/ uL	7.0 - 23.0	
RATIO: SERUM	GEN (BUN)/CREATININE	10.55	RATIO	10.0 - 20.0	
by CALCULATED, SPECT UREA/CREATININE R by CALCULATED, SPECT	ATIO: SERUM	22.57	RATIO		
URIC ACID: SERUM by URICASE - OXIDASE P		7.03	mg/dL	3.60 - 7.70	
CALCIUM: SERUM by ARSENAZO III, SPECTH		10.16	mg/dL	8.50 - 10.60	
PHOSPHOROUS: SERU		3.63	mg/dL	2.30 - 4.70	
ELECTROLYTES					
SODIUM: SERUM by ISE (ION SELECTIVE E	LECTRODE)	142.9	mmol/L	135.0 - 150.0	
POTASSIUM: SERUM by ISE (ION SELECTIVE E		3.92	mmol/L	3.50 - 5.00	
CHLORIDE: SERUM by ISE (ION SELECTIVE E		107.18	mmol/L	90.0 - 110.0	
	ULAR FILTERATION RATE	122.5			

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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CLIENT CODE.	: KOS DIAGNO			EPORTING DATE	: 20	5/Dec/2024 1	2:23PM		
CLIENT ADDRESS	: 6349/1, NIC	HOLSON ROAD, AMBA	ALA CANTT						
Test Name			Value	Uni	t	Biologi	ical Refer	ence interv	al
 Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (Acute tubular necr 	tetracycline, glu 0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECR osis.	creatinine production cocorticoids) TED CREATININE LEVE roportionately more the n renal disease.	LS:) (e.g. obstructive	uropathy).				,
 Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (SIADH (syndrome of Pregnancy. DECREASED RATIO (Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido 	ass (subnormal tetracycline, glu 0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECR osis. ad starvation. e. creased urea syn urea rather thar monemias (urea of inappropiate a 0:1) WITH INCRE py (accelerates of eleases muscle of who develop ref sis (acetoacetate creased BUN/cre apy (interferes of	creatinine production cocorticoids) TED CREATININE LEVE roportionately more the n renal disease. EASED BUN : In thesis. In creatinine diffuses of is virtually absent in a ntidiuretic harmone) of CASED CREATININE: conversion of creatine creatinine). nal failure. e causes false increase eatinine ratio). with creatinine measure	LS: han creatinine ut of extracel blood). due to tubular to creatinine e in creatinine rement).	ular fluid). secretion of urea.	nodologies,re	esulting in nor		when dehyd	
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (Neregnancy. DECREASED RATIO (< Negnancy. Pregnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE G1	ass (subnormal tetracycline, glu 0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECR osis. Id starvation. 2. creased urea syr urea rather thar monemias (urea of inappropiate a 0:1) WITH INCRE py (accelerates of eleases muscle of who develop rei sis (acetoacetate creased BUN/cre apy (interferes v ULAR FILTERATIO	creatinine production cocorticoids) TED CREATININE LEVE roportionately more the n renal disease. EASED BUN : The creatinine diffuses of is virtually absent in ntidiuretic harmone) of CASED CREATININE: conversion of creatine creatinine). that failure. causes false increase extinine ratio). vith creatinine measur NATE: DESCRIPTION mal kidney function	LS: han creatinine ut of extracel blood). due to tubular to creatinine e in creatinine rement).	ular fluid). secretion of urea. with certain meth <u>min/1.73m2)</u> >90	nodologies,re ASSOCIAT	ED FINDINGS		when dehyd	
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (Neregnancy. DECREASED RATIO (< Negnancy. Pregnancy. Pregnancy. Phenacimide thera Rhabdomyolysis (r Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERI CKD STAGE	ass (subnormal tetracycline, glu 0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECR osis. Ind starvation. 2. creased urea syn urea rather than monemias (urea of inappropiate a of inappropiate a of inappropiate a of inappropiate a finappropiate a of inappropiate a sis (accelerates of eleases muscle of who develop ref sis (acetoacetate creased BUN/cro apy (interferes v ULAR FILTERATIO	creatinine production cocorticoids) TED CREATININE LEVE roportionately more the n renal disease. EASED BUN : The creatinine diffuses of is virtually absent in ntidiuretic harmone) of CASED CREATININE: conversion of creatine treatinine). thal failure. Cases false increase extinine ratio). with creatinine measur NATE: DESCRIPTION mal kidney function dney damage with	LS: han creatinine ut of extracel blood). due to tubular to creatinine e in creatinine rement).	ular fluid). secretion of urea. with certain meth /min/1.73m2)	nodologies,re ASSOCIAT	ED FINDINGS oteinuria e of Protein ,		when dehyd	
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r B. Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in CEphalosporin ther STIMATED GLOMERI G1 G2	ass (subnormal tetracycline, glu otetracycline, glu otetracycline, glu otetracycline, glu otetracycline, glu otetracycline, glu superimposed o otetracyclick osis. Ind starvation. oterased urea syr urea rather thar monemias (urea of inappropiate a otelases muscle of who develop rea creased BUN/crea apy (interferes v iLAR FILTERATIO	creatinine production cocorticoids) TED CREATININE LEVE roportionately more the n renal disease. EASED BUN : The creatinine diffuses of is virtually absent in a ntidiuretic harmone) of CASED CREATININE: conversion of creatine creatinine). that failure. Causes false increase extinine ratio). with creatinine measure NATE: DESCRIPTION mal kidney function dney damage with pormal or high GFR	LS: han creatinine ut of extracel blood). due to tubular to creatinine e in creatinine rement).	ular fluid). secretion of urea. with certain meth <u>(min/1.73m2)</u> >90 >90	nodologies,re ASSOCIAT	ED FINDINGS		when dehyd	
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (Neregnancy. DECREASED RATIO (< Negnancy. Pregnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE G1	ass (subnormal tetracycline, glu tetracycline, glu 0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECR osis. Ind starvation. 2: creased urea syr urea rather thar monemias (urea of inappropiate a 0:1) WITH INCRE py (accelerates of eleases muscle of who develop rei sis (acetoacetate creased BUN/crea apy (interferes v UAR FILTERATIO	creatinine production cocorticoids) TED CREATININE LEVE roportionately more the n renal disease. EASED BUN : The creatinine diffuses of is virtually absent in ntidiuretic harmone) of CASED CREATININE: conversion of creatine treatinine). thal failure. Cases false increase extinine ratio). with creatinine measur NATE: DESCRIPTION mal kidney function dney damage with	LS: han creatinine ut of extracel blood). due to tubular to creatinine e in creatinine rement).	ular fluid). secretion of urea. with certain meth <u>min/1.73m2)</u> >90	nodologies,re ASSOCIAT	ED FINDINGS oteinuria e of Protein ,		when dehyd	





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

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	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Patholo		(Pathology)
NAME	: Mr. AAYUSH		
AGE/ GENDER	: 26 YRS/MALE	PATIENT ID	: 1708212
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012412250015
REFERRED BY	:	REGISTRATION DATE	: 25/Dec/2024 10:00 AM
BARCODE NO.	: 01522964	COLLECTION DATE	: 25/Dec/2024 10:11AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 25/Dec/2024 12:23PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CAN	ГТ	
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

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

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\$0 9001 : 2008 CERTI	FIED LAB		EXC	ELLENCE IN HEALTHCARE	& DIAGNOSTICS
	۲	Dr. Vinay Cho 1D (Pathology & I Thairman & Const	Microbiology)	Dr. Yugarr MD O & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. AAYUSH : 26 YRS/MALE : SURJESH : : 01522964 : KOS DIAGNOS : 6349/1, NICH		COLLECT REPORTI MBALA CANTT	LAB NO. ATION DATE ON DATE NG DATE	: 1708212 : 012412250015 : 25/Dec/2024 10:00 AM : 25/Dec/2024 10:11AM : 25/Dec/2024 10:49AM
Test Name			Value	Unit	Biological Reference interval
			CLINICAL PATHO	LOGY	
		URINE ROU	JTINE & MICROSCOR	PIC EXAMINA	ATION
PHYSICAL EXAMIN					
QUANTITY RECIEVE by DIP STICK/REFLECT		HOTOMETRY	10	ml	
COLOUR by DIP STICK/REFLECT	ANCE SPECTROPI	HOTOMETRY	PALE YELLOW		PALE YELLOW
TRANSPARANCY by DIP STICK/REFLECT			CLEAR 1.02		CLEAR
SPECIFIC GRAVITY					1.002 - 1.030
by DIP STICK/REFLECT CHEMICAL EXAMIN		HOTOMETRY			
REACTION		OTOMETRY	ACIDIC		
by DIP STICK/REFLECT			Negative		NEGATIVE (-ve)
by DIP STICK/REFLECT SUGAR	ANCE SPECTROPI	HOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECT	ANCE SPECTROPI	HOTOMETRY	<=5.0		5.0 - 7.5
by DIP STICK/REFLECT BILIRUBIN	ANCE SPECTROPI	HOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECT NITRITE	ANCE SPECTROPI	HOTOMETRY			NEGATIVE (-ve)
by DIP STICK/REFLECT	ANCE SPECTROPI	HOTOMETRY.	Negative		
UROBILINOGEN by DIP STICK/REFLECT	ANCE SPECTROPI	HOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES by DIP STICK/REFLECT	ANCE SPECTROPI	HOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD by DIP STICK/REFLECT			Negative		NEGATIVE (-ve)
ASCORBIC ACID by DIP STICK/REFLECT MICROSCOPIC EXA	ANCE SPECTROPI		NEGATIVE (-ve)		NEGATIVE (-ve)
RED BLOOD CELLS	(RBCs)		NEGATIVE (-ve)	/HPF	0 - 3



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





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



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

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Test Name		Value	Unit	Biological Reference interval
PUS CELLS	CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	0 - 5

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMEN	I A A A A A A A A A A A A A A A A A A A			
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)	ABSENT		ABSENT	

** End Of Report ***



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

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