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	Dr. Vinay Chopra MD (Pathology & Micr		Dr. Yugam	1 Chopra (Pathology)
	Chairman & Consultar			
NAME	: Mr. RAJESH YADAV			
AGE/ GENDER	: 54 YRS/MALE		PATIENT ID	: 1704049
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012412200012
REFERRED BY	:		REGISTRATION DATE	: 20/Dec/2024 08:50 AM
BARCODE NO.	: 01522708		COLLECTION DATE	: 20/Dec/2024 09:18AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 20/Dec/2024 09:33AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB/	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SWAST	THYA WI	ELLNESS PANEL: G	
			DOD COUNT (CBC)	
RED BLOOD CELLS	(RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HE		13.3	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (H	RBC) COUNT	4.98	Millions/	/cmm 3.50 - 5.00
by HYDRO DYNAMIC FO	DCUSING, ELECTRICAL IMPEDENCE			
PACKED CELL VOLU by CALCULATED BY AU	ME (PCV) JTOMATED HEMATOLOGY ANALYZER	43	%	40.0 - 54.0
MEAN CORPUSCULA	AR VOLUME (MCV) JTOMATED HEMATOLOGY ANALYZER	86.4	fL	80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH) JTOMATED HEMATOLOGY ANALYZER	26.8 ^L	pg	27.0 - 34.0
MEAN CORPUSCULA	AR HEMOGLOBIN CONC. (MCHC) JTOMATED HEMATOLOGY ANALYZER	31 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIBU	JTION WIDTH (RDW-CV)	14.4	%	11.00 - 16.00
RED CELL DISTRIBU	JTOMATED HEMATOLOGY ANALYZER JTION WIDTH (RDW-SD)	46.4	fL	35.0 - 56.0
MENTZERS INDEX	JTOMATED HEMATOLOGY ANALYZER	17.35	RATIO	BETA THALASSEMIA TRAIT:
by CALCULATED				13.0
				IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING IND	EX	25.07	RATIO	BETA THALASSEMIA TRAIT:<
by CALCULATED	by CALCULATED			65.0 IRON DEFICIENCY ANEMIA: >
				65.0
WHITE BLOOD CEL		5170		4000 11000
TOTAL LEUCOCYTE by FLOW CYTOMETRY	COUNT (TLC) BY SF CUBE & MICROSCOPY	5170	/cmm	4000 - 11000
	LOOD CELLS (nRBCS) T HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
•	LOOD CELLS (nRBCS) %	NIL	%	< 10 %
	JTOMATED HEMATOLOGY ANALYZER			

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

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Test Name		Value	Unit	Biological Reference interval
DIFFERENTIAL LE	EUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY	44 ^L	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY	42 ^H	%	20 - 40
EOSINOPHILS	Y BY SF CUBE & MICROSCOPY	6	%	1 - 6
MONOCYTES	Y BY SF CUBE & MICROSCOPY	8	%	2 - 12
•	Y BY SF CUBE & MICROSCOPY	0	%	0 - 1
	OCYTES (WBC) COUNT			
	Y BY SF CUBE & MICROSCOPY	2275	/cmm	2000 - 7500
-	Y BY SF CUBE & MICROSCOPY	2171	/cmm	800 - 4900
ABSOLUTE EOSINO)PHIL COUNT y by sf cube & microscopy	310	/cmm	40 - 440
ABSOLUTE MONOC		414	/cmm	80 - 880
ABSOLUTE BASOP	HIL COUNT y by sf cube & microscopy	0	/cmm	0 - 110
	OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT by hydro dynamic i	(PLT) FOCUSING, ELECTRICAL IMPEDENCE	189000	/cmm	150000 - 450000
	FOCUSING, ELECTRICAL IMPEDENCE	0.25	%	0.10 - 0.36
	FOCUSING, ELECTRICAL IMPEDENCE	13 ^H	fL	6.50 - 12.0
by HYDRO DYNAMIC I	CELL COUNT (P-LCC) FOCUSING, ELECTRICAL IMPEDENCE	92000 ^H	/cmm	30000 - 90000
by HYDRO DYNAMIC I	CELL RATIO (P-LCR)	48.8 ^H	%	11.0 - 45.0
by HYDRO DYNAMIC I	BUTION WIDTH (PDW) FOCUSING, ELECTRICAL IMPEDENCE	16.3	%	15.0 - 17.0

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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Test Name	Valu	e Unit	Biological Reference interval



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CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 20/Dec/2024 03:101Mi
			REFORTING DATE	. 20/ Det/ 2024 02.43FM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTI		
Test Name		Value	Unit	Biological Reference interva
WHOLE BLOOD	EMOGLOBIN (HbA1c):	7.2 ^H	%	4.0 - 6.4
ESTIMATED AVERA	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	159.94 ^H	mg/dL	60.00 - 140.00
	AS PER AMERICAN D	ABETES ASSOCIA	ATION (ADA):	
	REFERENCE GROUP		YCOSYLATED HEMOGLOGIB	(HBAIC) in %
	abetic Adults >= 18 years	1	<5.7	
	t Risk (Prediabetes)	5.7 - 6.4		
D	agnosing Diabetes		>= 6.5	
			Age > 19 Years	
These	is an all for all south an atract		of Therapy:	< 7.0
inerapeut	ic goals for glycemic control	Actions	s Suggested:	>8.0
			Age < 19 Years	<7.5
		(-ioal (of therapy:	

KOS Diagnostic Lab

(A Unit of KOS Healthcare)

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.

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	DRTING DATE	: 20/Dec/2024 09:48AM
CLIENT ADDRESS	: 6349/1, NICHOLSON RO	AD, AMBALA CANTT		
by RED CELL AGGRE	DIMENTATION RATE (ESR gation by capillary photoi	METRY	mm/1st	





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLINI		FRY/BIOCHEMIST FASTING (F)	'nY
GLUCOSE FASTING by GLUCOSE OXIDAS	(F): PLASMA E - PEROXIDASE (GOD-POD)	155.04 ^H	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

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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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Test Name		Value	Unit	Biological Reference interval
		I IPID PRO	OFILE : BASIC	
CHOLESTEROL TO	TAL SERUM	138.25	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL 0		100.20	iiig/ uL	BORDERLINE HIGH: 200.0 -
				239.0
				HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S		129.51	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOS	PHATE OXIDASE (ENZYMATIC)		0	BORDERLINE HIGH: 150.0 -
				199.0 HIGH: 200.0 - 499.0
				VERY HIGH: > OR = 500.0
	DL (DIRECT): SERUM	36.88	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBI	TION			BORDERLINE HIGH HDL: 30.0 60.0
				HIGH HDL: $> OR = 60.0$
LDL CHOLESTERO		75.47	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPI	ECTROPHOTOMETRY			ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 -
				159.0
				HIGH: 160.0 - 189.0
NON HDL CHOLES	TEDOL CEDIM	101 27	mg/dI	VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0
	ECTROPHOTOMETRY	101.37	mg/dL	ABOVE OPTIMAL: < 130.0 - 159.0
				BORDERLINE HIGH: 160.0 -
				189.0 HIGH: 190.0 - 219.0
				VERY HIGH: > OR = 220.0
VLDL CHOLESTER		25.9	mg/dL	0.00 - 45.00
by CALCULATED, SPI TOTAL LIPIDS: SEI	ectrophotometry RUM	406.01	mg/dL	350.00 - 700.00
by CALCULATED, SP	ECTROPHOTOMETRY		C C	
	DL RATIO: SERUM ECTROPHOTOMETRY	3.75	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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	there -	6	hopra	

DR.YUGAM CHOPRA

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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		2.05	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	3.51	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 7	FEST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SI	: SERUM PECTROPHOTOMETRY	0.58	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	(CONJUGATED): SERUM	0.16	mg/dL	0.00 - 0.40
	CCT (UNCONJUGATED): SERUM	0.42	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	[/RIDOXAL PHOSPHATE	19.5	U/L	7.00 - 45.00
SGPT/ALT: SERUM		34.2	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE	ERUM ECTROPHOTOMETRY	0.57	RATIO	0.00 - 46.00
ALKALINE PHOSPI by para nitrophen propanol	HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	72.06	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTRO	L TRANSFERASE (GGT): SERUM	29.28	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO	SERUM	6.74	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G		4.07	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	I ECTROPHOTOMETRY	2.67	gm/dL	2.30 - 3.50
A : G RATIO: SERUI		1.52	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:

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 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).

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		
	KIDNI	TY FUNCTION	TEST (COMPLETE)			
UREA: SERUM	RIDA	27.33	mg/dL	10.00 - 50.00		
by UREASE - GLUTAN	IATE DEHYDROGENASE (GLDH)		Ũ			
CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOMETERY		0.92	mg/dL	0.40 - 1.40		
-	ROGEN (BUN): SERUM	12.77	mg/dL	7.0 - 25.0		
BLOOD UREA NITE RATIO: SERUM	ROGEN (BUN)/CREATININE	13.88	RATIO	10.0 - 20.0		
UREA/CREATININ by CALCULATED, SPE	E RATIO: SERUM	29.71	RATIO			
URIC ACID: SERUM	1	3.68	mg/dL	3.60 - 7.70		
by URICASE - OXIDAS CALCIUM: SERUM		8.49 ^L	mg/dL	8.50 - 10.60		
by ARSENAZO III, SPE PHOSPHOROUS: SE by PHOSPHOMOLYBE		3.66	mg/dL	2.30 - 4.70		
<u>ELECTROLYTES</u>						
SODIUM: SERUM by ISE (ION SELECTIV		137.2	mmol/L	135.0 - 150.0		
POTASSIUM: SERU by ISE (ION SELECTIV	M	4.3	mmol/L	3.50 - 5.00		
CHLORIDE: SERUM	1 VE ELECTRODE)	102.9	mmol/L	90.0 - 110.0		
•	IERULAR FILTERATION RATE					
(eGFR): SERUM by CALCULATED INTERPRETATION:	ERULAR FILTERATION RATE reen pre- and post renal azotemia.	98.9				

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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IAME	: Mr. RAJESH	I YADAV						
AGE/ GENDER	: 54 YRS/MA	LE		PATIENT ID	:	1704049		
COLLECTED BY	: SURJESH			REG. NO./LAB NO	. :	01241220001	12	
REFERRED BY				REGISTRATION D	ATE :	20/Dec/2024 0)8:50 AM	
BARCODE NO.	· : 01522708			COLLECTION DAT		20/Dec/2024 0		
CLIENT CODE.	: KOS DIAGN	OSTIC LAB		REPORTING DAT		20/Dec/20241		
CLIENT ADDRESS		CHOLSON ROAD, AME				20/ Dec/ 2024 1	1.01/101	
Test Name			Value	Un	nit	Biolog	ical Referei	nce interva
9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<	tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DECI	ucocorticoids) ATED CREATININE LEV proportionately more on renal disease.		ne) (e.g. obstructive	e uropathy)			
 P. Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido Should produce an in Cephalosporin ther ESTIMATED GLOMERI G1 	tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DECI osis. Id starvation. creased urea sy urea rather tha monemias (urea f inappropiate 0:1) WITH INCF py (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes ULAR FILTERATIO No	ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : Attack of the sis. In creatinine diffuses a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creatin creatinine). enal failure. te causes false increating creatinine ratio). with creatinine measure DESCRIPTION rmal kidney function idney damage with normal or high GFR	than creatini but of extrac blood). due to tubu e to creatinir se in creatini urement).	ellular fluid). lar secretion of urea ne). ne with certain met nL/min/1.73m2) >90 >90	a. thodologies ASSOC No Prese			hen dehydra
 P. Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Cephalosporin ther ESTIMATED GLOMERI G1 G2 	tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DECI osis. Id starvation. creased urea sy urea rather tha monemias (urea f inappropiate 0:1) WITH INCR py (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATIO No K	ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : Attack of the sis. In creatinine diffuses a is virtually absent in antidiuretic harmone) REASED CREATININE: conversion of creatin creatinine). enal failure. te causes false increating creatinine ratio). with creatinine measure DESCRIPTION rmal kidney function idney damage with	than creatini but of extrac blood). due to tubu e to creatini se in creatini urement). GFR (n	ellular fluid). lar secretion of urea ne). ne with certain met nL/min/1.73m2) >90	a. thodologies ASSOC No Prese	s,resulting in no IATED FINDINGS proteinuria nce of Protein ,		hen dehydra
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 GLOMERI CKD STAGE G1 G2	tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DECI osis. Id starvation. creased urea sy urea rather that monemias (urea f inappropiate 0:1) WITH INCR py (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATIO No K Mod	ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : In creatinine diffuses a is virtually absent ir antidiuretic harmone) REASED CREATININE: conversion of creatin creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measu DESCRIPTION rmal kidney function idney damage with normal or high GFR lild decrease in GFR	than creatini but of extrac blood). due to tubu e to creatini se in creatini urement). GFR (n	ellular fluid). lar secretion of urea ne). ne with certain met <u>hL/min/1.73m2) >90 >90 30</u>	a. thodologies ASSOC No Prese	s,resulting in no IATED FINDINGS proteinuria nce of Protein ,		hen dehydra





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NAME	: Mr. RAJESH YADAV		
AGE/ GENDER	: 54 YRS/MALE	PATIENT ID	: 1704049
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012412200012
REFERRED BY	:	REGISTRATION DATE	: 20/Dec/2024 08:50 AM
BARCODE NO.	: 01522708	COLLECTION DATE	: 20/Dec/2024 09:18AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 20/Dec/2024 11:01AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT	
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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