



MD (F		ay Chopra Dr. Nology & Microbiology) & Consultant Pathologist CEO & Cor		n Chopra (Pathology) Pathologist
NAME	: Mrs. PROMILA KHANNA			
AGE/ GENDER	: 82 YRS/FEMALE	PATI	ENT ID	: 1815708
COLLECTED BY	: SURJESH	REG.	NO./LAB NO.	: 012504020057
REFERRED BY	:	REGI	STRATION DATE	: 02/Apr/2025 05:33 PM
BARCODE NO.	:01528244	COLL	ECTION DATE	: 02/Apr/2025 05:43PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 02/Apr/2025 05:57PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
HAEMOGLOBIN (H	B)	11 ^L	gm/dL	12.0 - 16.0
		HAEMOGLOI	BIN (HB)	
HAEMOGLOBIN (H by CALORIMETRIC	B)	11 ^L	gm/dL	12.0 - 16.0
INTERPRETATION:-				
Hemoglobin is the pro tissues back to the lu	otein molecule in red blood ce nas	ells that carries oxygen fro	m the lungs to the bo	odys tissues and returns carbon dioxide from th
		low red blood count.		
A low hemoglobin lev				
A low hemoglobin lev ANEMIA (DECRESED F	HAEMOGLOBIN):		h ulcer)	
A low hemoglobin lev ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier	HAEMOGLOBIN): Imatic injury, surgery, bleedin ncy (iron, vitamin B12, folate)	g, colon cancer or stomac	h ulcer)	
A low hemoglobin lev ANEMIA (DECRESED F 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow prob	HAEMOGLOBIN): Imatic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone ma	g, colon cancer or stomac arrow by cancer)	h ulcer)	
A low hemoglobin lev ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow prob 4) Suppression by rec 5) Kidney failure	HAEMOGLOBIN): Imatic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone ma d blood cell synthesis by chem	g, colon cancer or stomac arrow by cancer) iotherapy drugs	h ulcer)	
A low hemoglobin lev ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow prob 4) Suppression by rec 5) Kidney failure 6) Abnormal hemoglo	HAEMOGLOBIN): Imatic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone ma d blood cell synthesis by chem obin structure (sickle cell ane	g, colon cancer or stomac arrow by cancer) iotherapy drugs	h ulcer)	
A low hemoglobin lev ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow prob 4) Suppression by rec 5) Kidney failure 6) Abnormal hemoglo POLYCYTHEMIA (INCR 1) People in higher al	HAEMOGLOBIN): Imatic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone ma blood cell synthesis by chem bbin structure (sickle cell anel REASED HAEMOGLOBIN): Ititudes (Physiological)	g, colon cancer or stomac arrow by cancer) iotherapy drugs	h ulcer)	
A low hemoglobin lev ANEMIA (DECRESED F 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow prob 4) Suppression by rec 5) Kidney failure 6) Abnormal hemogle POLYCYTHEMIA (INCR 1) People in higher al 2) Smoking (Secondar	HAEMOGLOBIN): Imatic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone ma blood cell synthesis by chem bbin structure (sickle cell anel REASED HAEMOGLOBIN): Ititudes (Physiological) ry Polycythemia)	g, colon cancer or stomac arrow by cancer) notherapy drugs mia or thalassemia).		
A low hemoglobin lev ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficien 3) Bone marrow prob 4) Suppression by rec 5) Kidney failure 6) Abnormal hemoglo POLYCYTHEMIA (INCR 1) People in higher al 2) Smoking (Secondar 3) Dehydration produ 4) Advanced lung dise	HAEMOGLOBIN): Imatic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone ma blood cell synthesis by chem bbin structure (sickle cell anel REASED HAEMOGLOBIN): Ititudes (Physiological)	g, colon cancer or stomac arrow by cancer) otherapy drugs mia or thalassemia). sin due to increased haem		
A low hemoglobin lev ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow prob 4) Suppression by rec 5) Kidney failure 6) Abnormal hemoglo POLYCYTHEMIA (INCR 7) People in higher al 2) Smoking (Secondar 3) Dehydration produ 4) Advanced lung dise 5) Certain tumors 6) A disorder of the b	HAEMOGLOBIN): imatic injury, surgery, bleedin ncy (iron, vitamin B12, folate) lems (replacement of bone ma d blood cell synthesis by chem obin structure (sickle cell aner EASED HAEMOGLOBIN): Ititudes (Physiological) ry Polycythemia) uces a falsely rise in hemoglob ease (for example, emphysema one marrow known as polycyt	g, colon cancer or stomac arrow by cancer) notherapy drugs mia or thalassemia). Din due to increased haema a) themia rubra vera,	oconcentration	e amount of oxygen available to the body by

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD





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	MD (Pathology & M	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist		
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BARCODE NO.			LLECTION DATE			
CLIENT CODE.	: KOS DIAGNOSTIC LAB		PORTING DATE	: 02/Apr/2025 09:38PM		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT				
Test Name		Value	Unit	Biological Reference interval		
	CLINICA	L CHEMIST	RY/BIOCHEMIS	STRY		
	KIDNE	Y FUNCTION	TEST (COMPLET	E)		
UREA: SERUM		63.4 ^H	mg/dL	10.00 - 50.00		
by UREASE - GLUTAN CREATININE: SER by ENZYMATIC, SPEC	-	1.61 ^H	mg/dL	0.40 - 1.20		
-	ROGEN (BUN): SERUM	29.63 ^H	mg/dL	7.0 - 25.0		
	ROGEN (BUN)/CREATININE	18.4	RATIO	10.0 - 20.0		
UREA/CREATININ by CALCULATED, SPE	E RATIO: SERUM	39.38	RATIO			
URIC ACID: SERUN by URICASE - OXIDAS		5.37	mg/dL	2.50 - 6.80		
CALCIUM: SERUM by ARSENAZO III, SPE		10.5	mg/dL	8.50 - 10.60		
PHOSPHOROUS: SI		3.56	mg/dL	2.30 - 4.70		
ELECTROLYTES						
SODIUM: SERUM	/E ELECTRODE)	144.8	mmol/L	135.0 - 150.0		
POTASSIUM: SERU	JM	4.31	mmol/L	3.50 - 5.00		
CHLORIDE: SERUN by ISE (ION SELECTIV	M	108.6	mmol/L	90.0 - 110.0		
ESTIMATED GLO	MERULAR FILTERATION RAT	<u>TE</u>				
ESTIMATED GLON (eGFR): SERUM by CALCULATED	MERULAR FILTERATION RATI	E 31.8				
NOTE 2		RESULT RE	RESULT RECHECKED TWICE			
ADVICE INTERPRETATION:		KINDLY CO	ORRELATE CLINICA	ALLY		

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CAN I .	1		
Test Name		Value	Unit	Biological	Reference interval
burns, surgery, caches 7. Urine reabsorption 8. Reduced muscle ma 9. Certain drugs (e.g. NCREASED RATIO (>2 0 1. Postrenal azotemia 2. Prerenal azotemia	ction plus ke or production or tissue breakd	ction) LEVELS:			ie, high protein diet,
 Acute tubular necro Low protein diet an Severe liver disease Other causes of dec Repeated dialysis (r Inherited hyperaming SIADH (syndrome on Pregnancy. DECREASED RATIO (<1 Phenacimide therapy Rhabdomyolysis (ref Muscular patients voltable) Muscular patients voltable Diabetic ketoacidos Should produce an indo Cephalosporin therapy 	nd starvation. A creased urea synthesis. urea rather than creatinine diffus monemias (urea is virtually abser of inappropiate antidiuretic harmo of 1) WITH INCREASED CREATININI py (accelerates conversion of create eleases muscle creatinine). who develop renal failure. sis (acetoacetate causes false inco creased BUN/creatinine ratio). apy (interferes with creatinine me	nt in blood). one) due to tub E: atine to creatin rease in creatir	ular secretion of urea. ine).	dologies,resulting in norma	l ratio when dehydratic
 Acute tubular necro Low protein diet an Severe liver disease Other causes of dec Repeated dialysis (i Inherited hyperami SIADH (syndrome o Pregnancy. DECREASED RATIO (<1 Phenacimide therag Rhabdomyolysis (re Muscular patients o Muscular patients o Diabetic ketoacidos Should produce an inc Cephalosporin therag CKD STAGE 	ad starvation. A creased urea synthesis. urea rather than creatinine diffus monemias (urea is virtually abser of inappropiate antidiuretic harmo of 1) WITH INCREASED CREATININI py (accelerates conversion of creatility). who develop renal failure. sis (acetoacetate causes false incon creased BUN/creatinine ratio). apy (interferes with creatinine metalloc). DESCRIPTION	nt in blood). one) due to tub E: atine to creatin rease in creatir easurement).	ular secretion of urea. ine).	ASSOCIATED FINDINGS	l ratio when dehydratic
Acute tubular necro Low protein diet an Severe liver disease Other causes of dec Repeated dialysis (i Inherited hyperami SIADH (syndrome o Pregnancy. DECREASED RATIO (<1 Phenacimide therap Rhabdomyolysis (re Muscular patients v NAPPROPIATE RATIO Diabetic ketoacidos should produce an inc Cephalosporin therap ESTIMATED GLOMERU CKD STAGE G1	ad starvation. A starvation. A creased urea synthesis. urea rather than creatinine diffus monemias (urea is virtually abser of inappropiate antidiuretic harmon of 1) WITH INCREASED CREATININI py (accelerates conversion of creatinine). who develop renal failure. sis (acetoacetate causes false incompared creased BUN/creatinine ratio). apy (interferes with creatinine medition LAR FILTERATION RATE: <u>DESCRIPTION</u> Normal kidney function	nt in blood). pne) due to tub E: atine to creatin rease in creatir easurement). GFR (ular secretion of urea. ine). hine with certain metho mL/min/1.73m2) >90	ASSOCIATED FINDINGS No proteinuria	l ratio when dehydratic
 Acute tubular necro Low protein diet an Severe liver disease Other causes of dec Repeated dialysis (i Inherited hyperamin SIADH (syndrome o Pregnancy. DECREASED RATIO (<1 Phenacimide theraping Rhabdomyolysis (ref Muscular patients on Muscular patients on Diabetic ketoacidos Should produce an inco Cephalosporin theraping CKD STAGE 	ad starvation. A creased urea synthesis. urea rather than creatinine diffus monemias (urea is virtually abser of inappropiate antidiuretic harmo of 1) WITH INCREASED CREATININI py (accelerates conversion of creatility). who develop renal failure. sis (acetoacetate causes false incon creased BUN/creatinine ratio). apy (interferes with creatinine metalloc). DESCRIPTION	nt in blood). pne) due to tub E: atine to creatin rease in creatir easurement). GFR (on	ular secretion of urea. ine). hine with certain metho mL/min/1.73m2) >90 >90	ASSOCIATED FINDINGS	l ratio when dehydratic

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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 02/Apr/2025 09:38PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA	CANTT	
Test Name	Va	lue Unit	Biological Reference interval
G3b	Moderate decrease in GFR	30-59	
G4	Severe decrease in GFR	15-29	
G5	Kidney failure	<15	

COMMENTS:

1. 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 eGFR with Cystatin C for confirmation of CKD
 eGFR category G1 OR G2 does not fullfill the criteria for CKD, in the absence of evidence of Kidney Damage
 In a suspected case of Acute Kidney Injury (AKI), measurement of eGFR should be done after 48-96 hours of any Intervention or procedure
 a CFR category G1 OR G2 does not fullfill the criteria for CKD, in the absence of evidence of Kidney Damage

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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Dr. Yugam Chopra

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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORT	TING DATE	: 02/Apr/2025 06:52PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT			
Test Name		Value	Unit	Biological Reference interv	
		CLINICAL PATH	OLOGY		
	URINE ROU	TINE & MICROSCO	OPIC EXAMI	NATION	
PHYSICAL EXAM	INATION				
QUANTITY RECIEV	VED TANCE SPECTROPHOTOMETRY	10	ml		
COLOUR by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	AMBER YELLOW		PALE YELLOW	
TRANSPARANCY by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	HAZY		CLEAR	
SPECIFIC GRAVIT by DIP STICK/REFLEC CHEMICAL EXAM	TANCE SPECTROPHOTOMETRY	1.01		1.002 - 1.030	
REACTION	TANCE SPECTROPHOTOMETRY	ACIDIC			
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
SUGAR by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
pH by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	<=5.0		5.0 - 7.5	
	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
•	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)	
UROBILINOGEN by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0	
•	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY	TRACE		NEGATIVE (-ve)	
ASCORBIC ACID by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)	

Dr. Vinay Chopra

MICROSCOPIC EXAMINATION



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Test Name		Value	Unit	Biological Reference interval	
RED BLOOD CELL by MICROSCOPY ON (S (RBCs) CENTRIFUGED URINARY SEDIMENT	2-4	/HPF	0 - 3	
PUS CELLS by MICROSCOPY ON (CENTRIFUGED URINARY SEDIMENT	20-25	/HPF	0 - 5	
EPITHELIAL CELL by MICROSCOPY ON (S CENTRIFUGED URINARY SEDIMENT	12-15	/HPF	ABSENT	
CRYSTALS by MICROSCOPY ON (CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
CASTS by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
BACTERIA by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
OTHERS by MICROSCOPY ON O	CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
TRICHOMONAS V	AGINALIS (PROTOZOA)	ABSENT		ABSENT	

TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

End Of Report





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