



SWASTH	REG. N REGIS COLLI REPO	ENT ID NO./LAB NO. STRATION DATE ECTION DATE RTING DATE	: 1691266 : 012412050011 : 05/Dec/2024 09:39 AM
COLLECTED BY : REFERRED BY : BARCODE NO. : 01522002 CLIENT CODE. : KOS DIAGNOSTIC LAB CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBA Test Name Test Name SWASTH COMPI RED BLOOD CELLS (RBCS) COUNT AND INDICES HAEMOGLOBIN (HB) by CALORIMETRIC RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PACKED CELL VOLUME (PCV)	REG. N REGIS COLLI REPO	NO./LAB NO. STRATION DATE ECTION DATE	: 012412050011
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COMPI RED BLOOD CELLS (RBCS) COUNT AND INDICES HAEMOGLOBIN (HB) by CALORIMETRIC RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PACKED CELL VOLUME (PCV)	Value	Unit	Biological Reference interval
RED BLOOD CELLS (RBCS) COUNT AND INDICES HAEMOGLOBIN (HB) by CALORIMETRIC RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PACKED CELL VOLUME (PCV)	IYA WELLNF	ESS PANEL: 1.0	
HAEMOGLOBIN (HB) by calorimetric RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PACKED CELL VOLUME (PCV)	LETE BLOOD (COUNT (CBC)	
by CALORIMETRIC RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PACKED CELL VOLUME (PCV)			
RED BLOOD CELL (RBC) COUNT by hydro dynamic focusing, electrical impedence PACKED CELL VOLUME (PCV)	13.1	gm/dL	12.0 - 17.0
PACKED CELL VOLUME (PCV)	4.77	Millions/ci	mm 3.50 - 5.00
	40.9	%	40.0 - 54.0
MEAN CORPUSCULAR VOLUME (MCV) by calculated by automated hematology analyzer	85.7	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by calculated by automated hematology analyzer	27.4	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	32	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	14.6	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	46.9	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	17.97	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	26.17	RATIO	BETA THALASSEMIA TRAIT:< 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS (WBCS)			
TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	11420 ^H	/cmm	4000 - 11000
NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	NIL	%	





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Yugam Chopra

MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. SALEEM KHAN AGE/ GENDER : 58 YRS/MALE **PATIENT ID** :1691266 **COLLECTED BY** :012412050011 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :05/Dec/2024 09:39 AM **BARCODE NO.** :01522002 **COLLECTION DATE** :05/Dec/2024 09:49AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :05/Dec/2024 10:09AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 77^H % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 16^L % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 3 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 4 % 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 2000 - 7500 8793^H /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1827 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 343 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 457 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 150000 - 450000 245000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.33 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 14^H fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 121000^H 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 49.3^H 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 16.2% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

Dr. Vinay Chopra

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

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	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Patholog		(Pathology)
NAME	: Mr. SALEEM KHAN		
AGE/ GENDER	: 58 YRS/MALE	PATIENT ID	: 1691266
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	ſT	
Test Name	Value	Unit	Biological Reference interval



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	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist	
IAME	: Mr. SALEEM KHAN			
AGE/ GENDER	: 58 YRS/MALE	PA	TIENT ID	: 1691266
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LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
CONDITION WITH LOV A low ESR can be see	n with conditions that inhibit the ne	t (leucocytosis)	on of red blood cells, s and some protein abno	uch as a high red blood cell count rmalities. Some changes in red cell shape (sucl



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		Chopra gy & Microbiology) Consultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	: 05/Dec/2024 11:24AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLIF	NICAL CHEMISTRY	//BIOCHEMIST	'RY
		GLUCOSE FAS	STING (F)	
		200.73 ^H	mg/dL	NORMAL: < 100.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)

A fasting plasma glucose level below 100 mg/dl is considered normal.
 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
		LIPID PROF	ILE : BASIC	
CHOLESTEROL TO by CHOLESTEROL O>		143.82	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S by GLYCEROL PHOSF	ERUM PHATE OXIDASE (ENZYMATIC)	84.96	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTERO by SELECTIVE INHIBIT	L (DIRECT): SERUM Ton	65.72	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTERO by CALCULATED, SPE		61.11	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129. BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLES' by CALCULATED, SPE		78.1	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159. BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTER(16.99	mg/dL	0.00 - 45.00
FOTAL LIPIDS: SEF	RUM	372.6	mg/dL	350.00 - 700.00
CHOLESTEROL/HE by CALCULATED, SPE	DL RATIO: SERUM	2.19	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		0.93	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	1.29 ^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	FUNCTIO	N TEST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SI		0.38	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	CT (UNCONJUGATED): SERUM	0.27	mg/dL	0.10 - 1.00
SGOT/AST: SERUM		28.8	U/L	7.00 - 45.00
SGPT/ALT: SERUM		20.9	U/L	0.00 - 49.00
AST/ALT RATIO: S		1.38	RATIO	0.00 - 46.00
ALKALINE PHOSPI		74.16	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM PHTOMETRY	16.39	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	REEN	3.74	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	1	3	gm/dL	2.30 - 3.50
A : G RATIO: SERUI		1.25	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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NAME	MD (Pathology & Chairman & Cons : Mr. SALEEM KHAN	. ,,	O & Consultant	(Pathology) Pathologist
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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).

PROGNOSTIC SIGNIFICANCE:	

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



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0 0001.2000 0211					
Dr. Vinay Cho MD (Pathology & N Chairman & Consu		licrobiology) MD (Pathology)		Pathology)	
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Test Name		Value	Unit	Biological Reference interva	
	KIDNI	EY FUNCTIO	N TEST (COMPLETE)		
UREA: SERUM	IATE DEHYDROGENASE (GLDH)	37.76	mg/dL	10.00 - 50.00	
CREATININE: SERUM		1.07	mg/dL	0.40 - 1.40	
by ENZYMATIC, SPECTROPHOTOMETERY BLOOD UREA NITROGEN (BUN): SERUM		17.64	mg/dL	7.0 - 25.0	
by CALCULATED, SPECTROPHOTOMETRY		17.04	iiig/ uL	7.0 - 23.0	
BLOOD UREA NITROGEN (BUN)/CREATININE		16.49	RATIO	10.0 - 20.0	
RATIO: SERUM by CALCULATED, SPE	ECTROPHOTOMETRY				
UREA/CREATININ	E RATIO: SERUM	35.29	RATIO		
by CALCULATED, SPECTROPHOTOMETRY URIC ACID: SERUM		4.44	mg/dL	3.60 - 7.70	
by URICASE - OXIDAS			_		
CALCIUM: SERUM by ARSENAZO III, SPE	ECTROPHOTOMETRY	9.41	mg/dL	8.50 - 10.60	
PHOSPHOROUS: SI	ERUM	4.39	mg/dL	2.30 - 4.70	
-	DATE, SPECTROPHOTOMETRY		-		
ELECTROLYTES		141.2	mmol/L	125.0 150.0	
SODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)		141.2	mmoi/ L	135.0 - 150.0	
POTASSIUM: SERUM		4.02	mmol/L	3.50 - 5.00	
by ISE (ION SELECTIVE ELECTRODE) CHLORIDE: SERUM		105.9	mmol/L	90.0 - 110.0	
by ISE (ION SELECTIV	/E ELECTRODE)				
	IERULAR FILTERATION RATE				
	ERULAR FILTERATION RATE	80.4			
(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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		Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		Dr. Yugam Chopra MD (Pathology) t CEO & Consultant Pathologist				
IAME	: Mr. SALEEM	KHAN						
GE/ GENDER	: 58 YRS/MAL	E	I	PATIENT ID	: 1	691266		
COLLECTED BY	:		J	REG. NO./LAB NO.	. :0	124120500	11	
REFERRED BY				REGISTRATION D		5/Dec/2024 0		
BARCODE NO.	: 01522002			COLLECTION DAT				
						: 05/Dec/2024 09:49AM : 05/Dec/2024 12:07PM		
CLIENT CODE.	: KOS DIAGNO			REPORTING DATI	E :0	5/Dec/2024 1	12:07PM	
LIENT ADDRESS	: 6349/1, NICI	HOLSON ROAD, AMBA	ALA CANTT					
Fest Name			Value	Un	uit	Biolog	gical Refere	ence interv
NCREASED RATIO (>2	(BUN rises disp superimposed o 0:1) WITH DECR	TED CREATININE LEVE roportionately more t n renal disease.		ne) (e.g. obstructive	e uropathy).			
NCREASED RATIO (>2 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 (< 6. Phenacimide thera 2. Rhabdomyolysis (r 8. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido 5. Hould produce an in 2. Cephalosporin ther <u>CETIMATED GLOMERU</u> <u>G1</u> <u>G2</u> <u>G3a</u> <u>G3b</u>	0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECRI osis. Ind starvation. 2: creased urea syr urea rather thar monemias (urea f inappropiate a 0:1) WITH INCRE py (accelerates of eleases muscle of who develop rer sis (acetoacetate creased BUN/crea apy (interferes v UAR FILTERATION Nor Nor Nor Nor Nor	TED CREATININE LEVE roportionately more t n renal disease. EASED BUN : In creatinine diffuses of is virtually absent in ntidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). hal failure. e causes false increase eatinine ratio). vith creatinine measure NATE: DESCRIPTION mal kidney function dney damage with ormal or high GFR ld decrease in GFR_ erate decrease in GFR_	han creatinin ut of extrace blood). due to tubula to creatinin e in creatinin rement).	ellular fluid). ar secretion of urea e). e with certain met <u>L/min/1.73m2) >90 >90 60 -89 30-59</u>	a. hodologies, ASSOCIA No p Presend	resulting in no TED FINDINGS proteinuria ce of Protein , or cast in urin	5	when dehydi
NCREASED RATIO (>2 Postrenal azotemia Perenal azotemia DECREASED RATIO (< Acute tubular necr Composition diet ar Severe liver disease Other causes of de Repeated dialysis (SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in CED STAGE G1 G2 G3 G3 G3 G3 G3 G3 CED CED CED CED CED CED CED CED	0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECRI osis. Ind starvation. 2: creased urea syr urea rather thar monemias (urea f inappropiate a 0:1) WITH INCRE py (accelerates of eleases muscle of who develop rer sis (acetoacetate creased BUN/crea apy (interferes v UAR FILTERATION Nor Nor Nor Nor Nor	TED CREATININE LEVE roportionately more t n renal disease. EASED BUN : In creatinine diffuses of is virtually absent in ntidiuretic harmone) of EASED CREATININE: conversion of creatine creatinine). hal failure. e causes false increase eatinine ratio). with creatinine measure NATE: DESCRIPTION mal kidney function dney damage with ormal or high GFR Id decrease in GFR	han creatinin ut of extrace blood). due to tubula to creatinin e in creatinin rement).	ellular fluid). ar secretion of urea e). e with certain met L/min/1.73m2) >90 >90 60 -89	a. hodologies, ASSOCIA No p Presend	TED FINDINGS proteinuria ce of Protein ,	5	when dehydi





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	Dr. Vinay Chopra MD (Pathology & Microbi Chairman & Consultant P	ology) MI	m Chopra D (Pathology) nt Pathologist
NAME	: Mr. SALEEM KHAN		
AGE/ GENDER	: 58 YRS/MALE	PATIENT ID	: 1691266
COLLECTED BY	:	REG. NO./LAB NO.	: 012412050011
REFERRED BY	:	REGISTRATION DATE	: 05/Dec/2024 09:39 AM
BARCODE NO.	: 01522002	COLLECTION DATE	: 05/Dec/2024 09:49AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	:05/Dec/2024 12:07PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA	A CANTT	
Test Name	Va	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

KOS Diagnostic Lab (A Unit of KOS Healthcare)

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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AGE/ GENDER	: 58 YRS/MALE	PATIENT	ID	: 1691266		
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BARCODE NO.	: 01522002	COLLECT	ION DATE			
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORT	NG DATE	:05/Dec/2024 01:49PM		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT				
Test Name		Value	Unit	Biological Reference interval		
		CLINICAL PATHO	LOGY			
	URINE ROU	TINE & MICROSCO	PIC EXAMINA	ATION		
PHYSICAL EXAMIN	NATION					
QUANTITY RECIEV	ED TANCE SPECTROPHOTOMETRY	10	ml			
COLOUR		AMBER YELLOW		PALE YELLOW		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY		CLEAR		CLEAR		
SPECIFIC GRAVITY	TANCE SPECTROPHOTOMETRY TANCE SPECTROPHOTOMETRY	1.01		1.002 - 1.030		
CHEMICAL EXAMI						
REACTION		ACIDIC				
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)		
SUGAR	TANCE SPECTROPHOTOMETRY	2+		NEGATIVE (-ve)		
pH		5.5		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)		
BLOOD		Negative		NEGATIVE (-ve)		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY MICROSCOPIC EXAMINATION		NEGATIVE (-ve)		NEGATIVE (-ve)		
RED BLOOD CELLS		NEGATIVE (-ve)	/HPF	0 - 3		



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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

NAME	: Mr. SALEEM KHAN				
AGE/ GENDER	: : : 01522002		PATIENT ID	: 1691266 : 012412050011 : 05/Dec/2024 09:39 AM : 05/Dec/2024 09:49AM : 05/Dec/2024 01:49PM	
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REFERRED BY			REGISTRATION DATE		
BARCODE NO.			COLLECTION DATE		
CLIENT CODE.			REPORTING DATE		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANT	Τ		
Test Name		Value	Unit	Biological Reference interval	
PUS CELLS by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT	3-4	/HPF	0 - 5	

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

by monocoor i on certain coee crantan ceement				
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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