



	Dr. Vinay Chopra MD (Pathology & Microbiology)			Pathology)
	Chairman & Consultar	nt Pathologist	CEO & Consultant F	Pathologist
NAME	: Mr. JASPREET SINGH BHATIA			
AGE/ GENDER	: 48 YRS/MALE		PATIENT ID	: 1728108
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012501190002
REFERRED BY	:		REGISTRATION DATE	: 19/Jan/2025 08:19 AM
BARCODE NO. CLIENT CODE.	: 01524065 : KOS DIAGNOSTIC LAB		COLLECTION DATE REPORTING DATE	: 19/Jan/2025 08:27AM : 19/Jan/2025 08:51AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB		REFORTING DATE	. 19/ Jail/ 2023 08.31AW
Test Name		Value	Unit	Biological Reference interval
			TINECC DANEL. C	
			ELLNESS PANEL: G	
DED BLOOD OF L		LETE BLO	DOD COUNT (CBC)	
HAEMOGLOBIN (H	S (RBCS) COUNT AND INDICES	13.6	gm/dL	12.0 - 17.0
by CALORIMETRIC	(0)	13.0	giii/ uL	12.0 - 17.0
RED BLOOD CELL	(RBC) COUNT FOCUSING, ELECTRICAL IMPEDENCE	5.46 ^H	Millions/c	mm 3.50 - 5.00
PACKED CELL VOL	UME (PCV)	41.8	%	40.0 - 54.0
by CALCULATED BY A MEAN CORPUSCUL	AUTOMATED HEMATOLOGY ANALYZER AR VOLUME (MCV)	76.6 ^L	fL	80.0 - 100.0
by CALCULATED BY A	AUTOMATED HEMATOLOGY ANALYZER			
	AR HAEMOGLOBIN (MCH)	25 ^L	pg	27.0 - 34.0
	AR HEMOGLOBIN CONC. (MCHC)	32.7	g/dL	32.0 - 36.0
RED CELL DISTRIB	SUTION WIDTH (RDW-CV)	15.4	%	11.00 - 16.00
	AUTOMATED HEMATOLOGY ANALYZER BUTION WIDTH (RDW-SD)	44.6	fL	35.0 - 56.0
by CALCULATED BY A	AUTOMATED HEMATOLOGY ANALYZER			
MENTZERS INDEX by CALCULATED		14.03	RATIO	BETA THALASSEMIA TRAIT: < 13.0
				IRON DEFICIENCY ANEMIA:
GREEN & KING INI	DEX	21.68	RATIO	>13.0 BETA THALASSEMIA TRAIT:<
by CALCULATED		21.00	iurro	65.0
				IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CE	LLS (WBCS)			00.0
TOTAL LEUCOCYTI		5990	/cmm	4000 - 11000
•	y by sf cube & microscopy BLOOD CELLS (nRBCS)	NIL		0.00 - 20.00
by AUTOMATED 6 PA	RT HEMATOLOGY ANALYZER			
	BLOOD CELLS (nRBCS) % AUTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



KOS Diagnostic Lab (A Unit of KOS Healthcare)

Dr. Vinay Chopra



Dr. Yugam Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist 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	57	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	31	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	4	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	8	%	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	3414	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by flow cytometry by SF cube & microscopy	1857	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by flow cytometry by SF cube & microscopy	240	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	479	/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	223000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.2	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	9	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	47000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	21.3	%	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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Test Name	Value	Unit	Biological Reference interval



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CLIENT CODE.	: KOS DIAGNOSTIC LAB		RTING DATE	: 19/Jan/2025 11:32AM	
CLIENT CODE. CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A		KING DATE	. 19/ Jail/ 2023 11.52AW	
CLIENT ADDRESS	. 0545/ 1, MCHOLSON KOAD, F	AWIDALA CANT I			
Test Name		Value	Unit	Biological Reference interva	
WHOLE BLOOD	EMOGLOBIN (HbA1c): RMANCE LIQUID CHROMATOGRAPHY)	6.7 ^H	%	4.0 - 6.4	
	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	145.59 ^H	mg/dL	60.00 - 140.00	
	AS PER AMERICAN	DIABETES ASSOCIATION	(ADA):		
	REFERENCE GROUP		LATED HEMOGLOGIB	(HBAIC) in %	
		<5.7			
	abetic Adults >= 18 years	/	.011	5.7 - 6.4	
Non di	abetic Adults >= 18 years t Risk (Prediabetes)				
Non di A					
Non di A	t Risk (Prediabetes)	- (5.7 - 6.4 >= 6.5 Age > 19 Years		
Non dia A D	t Risk (Prediabetes) iagnosing Diabetes	Goals of The	5.7 - 6.4 >= 6.5 Age > 19 Years	< 7.0	
Non dia A D	t Risk (Prediabetes)	Goals of The Actions Sugge	5.7 - 6.4 >= 6.5 Age > 19 Years rapy: ested:	< 7.0 >8.0	
Non dia A D	t Risk (Prediabetes) iagnosing Diabetes		5.7 - 6.4 >= 6.5 Age > 19 Years rapy: ested: Age < 19 Years		

KOS Diagnostic Lab

(A Unit of KOS Healthcare)

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 appropiate.

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 faisely 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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	Dr. Vinay Cho MD (Pathology & M Chairman & Consu	licrobiology)	Yugam Chopra MD (Pathology) onsultant Pathologist	
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DAT	: 19/Jan/2025 09:20AM	[
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN	MBALA CANTT		
Test Name		Value U	nit Biological Re	eference interval
by RED CELL AGGREG NTERPRETATION: 1. ESR is a non-specify mmune disease, but 2. An ESR can be affer as C-reactive protein 3. This test may also condition with LOV A low ESR can be see polycythaemia), sigr as sickle cells in sickly NOTE: 1. ESR and C - reactive 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 5. Drugs such as dext	DIMENTATION RATE (ESR) GATION BY CAPILLARY PHOTOMETRY ic test because an elevated result of does not tell the health practitione cted by other conditions besides in be used to monitor disease activity ematosus	often indicates the presence of inter exactly where the inflammation flammation. For this reason, the l y and response to therapy in both normal sedimentation of red blood nt (leucocytosis), and some prote ?. of inflammation. P, either at the start of inflammat making it a better marker of infla pes of proteins, globulins or fibring and pregnancy can cause tempore	hm/1st hr 0 - 20 Tammation associated with infection is in the body or what is causing it ESR is typically used in conjunction of the above diseases as well as so d cells, such as a high red blood celle in abnormalities. Some changes in ion or as it resolves. mmation. Dgen. ary elevations.	t. with other test such ome others, such as I count n red cell shape (such

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	MD (Pa	inay Chopra athology & Microbiology) an & Consultant Pathologist	Dr. Yugam MD (F CEO & Consultant F	Pathology)
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AGE/ GENDER	: 48 YRS/MALE	PATI	ENT ID	: 1728108
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BARCODE NO.	:01524065	COLI	LECTION DATE	: 19/Jan/2025 08:27AM
CLIENT CODE.	: KOS DIAGNOSTIC L	AB REP (DRTING DATE	: 19/Jan/2025 10:55AM
CLIENT ADDRESS	: 6349/1, NICHOLSO	N ROAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL CHEMISTRY	/BIOCHEMISTE	RY
		GLUCOSE FAS	TING (F)	
GLUCOSE FASTIN	G (F): PLASMA Se - peroxidase (god-po	132.44^H	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

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.

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 y & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. JASPREET SINGH BH : 48 YRS/MALE : SURJESH : : 01524065 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROA	PATI REG. REGI COLL REPO	ENT ID NO./LAB NO. STRATION DATE ECTION DATE ORTING DATE	: 1728108 : 012501190002 : 19/Jan/2025 08:19 AM : 19/Jan/2025 08:27AM : 19/Jan/2025 10:20AM
Test Name		Value	Unit	Biological Reference interval
CHOLESTEROL TOT by CHOLESTEROL OX		LIPID PROFIL 190.14	E : BASIC mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR =
FRIGLYCERIDES: SE	ERUM HATE OXIDASE (ENZYMATIC)	99.72	mg/dL	240.0 OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL by SELECTIVE INHIBITI		48.47	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL by CALCULATED, SPEC		121.73	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLEST by CALCULATED, SPEC		141.67 ^H	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTERO		19.94	mg/dL	0.00 - 45.00
FOTAL LIPIDS: SER	UM	480	mg/dL	350.00 - 700.00
by CHOLESTEROL/HD by CALCULATED, SPEC	L RATIO: SERUM	3.92	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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		2.51	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE		2.06 ^L	RATIO	3.00 - 5.00
ADVICE		KINDLY COR	RELATE CLINICALLY	¥

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.

 Jow 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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MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist CEO & Consultant Pathologist NAME : Mr. JASPREET SINGH BHATIA AGE/ GENDER : 48 YRS/MALE **PATIENT ID** :1728108 **COLLECTED BY** : SURJESH :012501190002 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 19/Jan/2025 08:19 AM **BARCODE NO.** :01524065 **COLLECTION DATE** : 19/Jan/2025 08:27AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 19/Jan/2025 10:20AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value Unit Test Name **Biological Reference interval** LIVER FUNCTION TEST (COMPLETE) BILIRUBIN TOTAL: SERUM 0.32 mg/dL INFANT: 0.20 - 8.00 by DIAZOTIZATION, SPECTROPHOTOMETRY ADULT: 0.00 - 1.20 0.00 - 0.40 BILIRUBIN DIRECT (CONJUGATED): SERUM 0.13 mg/dL by DIAZO MODIFIED, SPECTROPHOTOMETRY BILIRUBIN INDIRECT (UNCONJUGATED): SERUM 0.19 mg/dL 0.10 - 1.00 by CALCULATED, SPECTROPHOTOMETRY 7.00 - 45.00 SGOT/AST: SERUM 17.7 U/Lby IFCC, WITHOUT PYRIDOXAL PHOSPHATE SGPT/ALT: SERUM 18.4 U/L 0.00 - 49.00 by IFCC, WITHOUT PYRIDOXAL PHOSPHATE AST/ALT RATIO: SERUM 0.96 RATIO 0.00 - 46.00 by CALCULATED, SPECTROPHOTOMETRY ALKALINE PHOSPHATASE: SERUM 61.3 U/L 40.0 - 130.0 by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM 28.47 U/L 0.00 - 55.0 by SZASZ, SPECTROPHTOMETRY 7.14 gm/dL 6.20 - 8.00

Dr. Vinay Chopra

TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY ALBUMIN: SERUM 4.34gm/dL 3.50 - 5.50 by BROMOCRESOL GREEN 2.8 2.30 - 3.50 **GLOBULIN: SERUM** gm/dL by CALCULATED, SPECTROPHOTOMETRY A : G RATIO: SERUM 1.55 RATIO 1.00 - 2.00by CALCULATED, SPECTROPHOTOMETRY

KINDLY CORRELATE CLINICALLY

INTERPRETATION

NOTE: To be correlated in individuals having SGOT and SGPT values higher than Normal Reference Range. USE: Differential diagnosis of diseases of hepatobiliary system and pancreas.

INCREASED:

ADVICE

DRUG HEPATOTOXICITY	> 2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0
INTRAHEPATIC CHOLESTATIS	> 1.5





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Test Name		Value Unit	Biological Reference interval
HEPATOCELLULAR CA	RCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly In	creased)

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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		MD (Patho	ay Chopra ology & Microbiology) & Consultant Pathologist	Dr. Yugam MD (CEO & Consultant	(Pathology)	
	NAME	: Mr. JASPREET SINGH	BHATIA			
.	AGE/ GENDER	: 48 YRS/MALE	P	ATIENT ID	: 1728108	
	COLLECTED BY	: SURJESH	R	EG. NO./LAB NO.	: 012501190002	
	REFERRED BY	:	R	EGISTRATION DATE	: 19/Jan/2025 08:19 AM	
	BARCODE NO.	:01524065	C	OLLECTION DATE	: 19/Jan/2025 08:27AM	
	CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	: 19/Jan/2025 11:16AM	
	CLIENT ADDRESS	: 6349/1, NICHOLSON H	ROAD, AMBALA CANTT			
	Test Name		Value	Unit	Biological Reference interva	Ī
			KIDNEY FUNCTION	TEST (COMPLETE)		
	UREA: SERUM		39.52	mg/dL	10.00 - 50.00	
	by UREASE - GLUTAM	ATE DEHYDROGENASE (GLD	DH)	Ũ		
	CREATININE: SERU by ENZYMATIC, SPEC		1.13	mg/dL	0.40 - 1.40	
		OGEN (BUN): SERUM	18.47	mg/dL	7.0 - 25.0	
	by CALCULATED, SPE			Ű	10.0.00.0	
	RATIO: SERUM	COGEN (BUN)/CREATIN	IINE 16.35	RATIO	10.0 - 20.0	
	by CALCULATED, SPE	CTROPHOTOMETRY				
	UREA/CREATININ		34.97	RATIO		
	by CALCULATED, SPE URIC ACID: SERUM		1.71 ^L	mg/dL	3.60 - 7.70	
	by URICASE - OXIDAS	E PEROXIDASE		Ũ		
	CALCIUM: SERUM by ARSENAZO III, SPE	CTROPHOTOMETRY	10.06	mg/dL	8.50 - 10.60	
	PHOSPHOROUS: SE		3.39	mg/dL	2.30 - 4.70	
	•	ATE, SPECTROPHOTOMETR	ΥY			
	ELECTROLYTES		147.5	mm ol /I	125.0 150.0	
	SODIUM: SERUM by ISE (ION SELECTIV	E ELECTRODE)	147.5	mmol/L	135.0 - 150.0	
	POTASSIUM: SERUI	M	4.85	mmol/L	3.50 - 5.00	
	by ISE (ION SELECTIV CHLORIDE: SERUM		110.63 ^H	mmol/L	90.0 - 110.0	
	by ISE (ION SELECTIV	E ELECTRODE)		IIIII01/ L	56.6 - 116.6	
	ESTIMATED GLOM	IERULAR FILTERATIO	N RATE			
		ERULAR FILTERATION	RATE 80.2			
	(eGFR): SERUM by CALCULATED					

ADVICE

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.



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

KINDLY CORRELATE CLINICALLY

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





0 3001 . 2000 CENT				- ENCLURED IN HEA	chever a provolited	
		Dr. Vinay Chopr MD (Pathology & Micr Chairman & Consultar	robiology)		u gam Chopra MD (Pathology) ultant Pathologist	
AME	: Mr. JASPRI	EET SINGH BHATIA				
GE/ GENDER	: 48 YRS/MA	LE	PA	TIENT ID	: 1728108	
OLLECTED BY	: SURJESH		RI	G. NO./LAB NO.	: 0125011900	002
EFERRED BY				GISTRATION DA		
	·			LLECTION DATE		
ARCODE NO.	:01524065					
LIENT CODE.	: KOS DIAGN			PORTING DATE	: 19/Jan/2025 1	11:16AM
LIENT ADDRESS	: 6349/1, NI	CHOLSON ROAD, AMB	ALA CANTT			
Cest Name			Value	Unit	Biolo	gical Reference interval
 D. Inherited hyperamic SIADH (syndrome of B. Pregnancy. DECREASED RATIO (<1 Phenacimide therapy Rhabdomyolysis (response) Muscular patients of NAPPROPIATE RATIO Diabetic ketoacidos hould produce an incomentary Cephalosporin therapy 	0:1) WITH DEC osis. ad starvation. e. creased urea s urea rather th monemias (ure of inappropiate 0:1) WITH INCI py (accelerates eleases muscle who develop r : sis (acetoaceta	REASED BUN : an creatinine diffuses of ea is virtually absent in antidiuretic harmone) REASED CREATININE: a conversion of creating e creatinine). enal failure.	i blood). due to tubular e to creatinine)	secretion of urea.		
	apy (interferes	with creatinine measu		with certain meth	odologies,resulting in h	ormal ratio when dehydration
CKD STAGE	apy (interferes ILAR FILTERATI	with creatinine measu ON RATE: DESCRIPTION	urement).	with certain meth	ASSOCIATED FINDING	
	apy (interferes ILAR FILTERATION Note: Note: Not	with creatinine measu	urement).			S

G2	Kidney damage with normal or high GFR	>90	Albumin or cast in urine
G3a	Mild decrease in GFR	60 -89	
G3b	Moderate decrease in GFR	30-59	
G4	Severe decrease in GFR	15-29	
G5	Kidney failure	<15	





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NAME	: Mr. JASPREET SINGH BHATIA		
AGE/ GENDER	: 48 YRS/MALE	PATIENT ID	: 1728108
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012501190002
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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

End Of Report ***





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