

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant	obiology)		(Pathology)	
		t CEO & Consultant	Pathologist	
. SANCHIT AGGARWAL				
YRS/MALE		PATIENT ID	: 1667360)
		REG. NO./LAB NO.	:012501	200050
		REGISTRATION DATE	:20/Jan/2	2025 02:55 PM
				2025 02:57PM
		REPORTING DATE	: 20/Jan/2	2025 03:10PM
1971, NICHOLSON ROAD, AMBA	LA CANTI			
	Value	Unit	1	Biological Reference interval
SWASTF	IVA WE	I I NESS DANEI • 1 (n	
		OOD COONT (CBC)		
<u>s) court and indices</u>	117L	gm/dL		12.0 - 16.0
		U U		
	4.56	Millions/	cmm	3.50 - 5.50
	35.1	%	:	35.0 - 49.0
	77.1 ^L	fL		80.0 - 100.0
		nd		27.0 - 34.0
TED HEMATOLOGY ANALYZER		Pg		
	33.3	g/dL		32.0 - 36.0
N WIDTH (RDW-CV)	15.7	%		11.00 - 16.00
	45.1	fI.		35.0 - 56.0
	16.91	RATIO		BETA THALASSEMIA TRAIT: < 13.0
]	IRON DEFICIENCY ANEMIA:
	26 59	Β ΔΤΙΟ		>13.0 BETA THALASSEMIA TRAIT:<
	20.00	MATIO	(65.0
				IRON DEFICIENCY ANEMIA: > 65.0
<u>NBCS)</u>				00.0
NT (TLC)	9320	/cmm		4000 - 12000
CUBE & MICROSCOPY CELLS (nRBCS)	NIL			0.00 - 20.00
	1111			
ATOLOGY ANALYZER D CELLS (NRBCS) %	NIL	%		< 10 %
	SWASTE COMP COUNT NG, ELECTRICAL IMPEDENCE PCV) ATED HEMATOLOGY ANALYZER DUME (MCV) ATED HEMATOLOGY ANALYZER AEMOGLOBIN (MCH) ATED HEMATOLOGY ANALYZER EMOGLOBIN CONC. (MCHC) ATED HEMATOLOGY ANALYZER WIDTH (RDW-CV) ATED HEMATOLOGY ANALYZER N WIDTH (RDW-SD) ATED HEMATOLOGY ANALYZER	524151 S DIAGNOSTIC LAB A9/1, NICHOLSON ROAD, AMBALA CANTT Value Value SWASTHYA WE COMPLETE BL COMPLETE BL COMPLETE BL COUNT AND INDICES (COUNT AND INDICES) (COUNT AN	REG. NO. / LAB NO. REGISTRATION DATE REGISTRATION DATE REPORTING DATE SUBJECT DATE REPORTING DAT	REG. NO./LAB NO. : 012501 REGISTRATION DATE : 20/Jan/2 S24151 COLLECTION DATE : 20/Jan/2 SUAGNOSTIC LAB REPORTING DATE : 20/Jan/2 SUAGNOSTIC LAB REPORTING DATE : 20/Jan/2 Ag/1, NICHOLSON ROAD, AMBALA CANTT SWASTHYA WELLINESS PANEL: 1.0. COMPLETE BLOOD COUNT (CBC) STOUNT AND INDICES 11.7 ^L gm/dL COUNT AND INDICES PCV) 35.1 % SUDUCT (MCVC) 77.1 ^L fL SUDA AEMOGLOBIN (MCH) 25.7 ^L Pg SUDA SUDA SUDA NUDTH (RDW-CD) 45.1

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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







Dr. Vinay Chopra



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

NAME	: Mr. SANCHIT AGGARWAL		
AGE/ GENDER	: 11 YRS/MALE	PATIENT ID	: 1667360
COLLECTED BY	:	REG. NO./LAB NO.	: 012501200050
REFERRED BY	:	REGISTRATION DATE	: 20/Jan/2025 02:55 PM
BARCODE NO.	: 01524151	COLLECTION DATE	: 20/Jan/2025 02:57PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 20/Jan/2025 03:10PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTI		

Test Name		Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCY	FE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF C	UBE & MICROSCOPY	43 ^L	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF C	UBE & MICROSCOPY	50 ^H	%	20 - 45
EOSINOPHILS by FLOW CYTOMETRY BY SF C	UBE & MICROSCOPY	2	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF C	UBE & MICROSCOPY	5	%	3 - 12
BASOPHILS by FLOW CYTOMETRY BY SF C	UBE & MICROSCOPY	0	%	0 - 1
ABSOLUTE LEUKOCYTES	(WBC) COUNT			
ABSOLUTE NEUTROPHIL C		4008	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE (by FLOW CYTOMETRY BY SF C		4660	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL CO by FLOW CYTOMETRY BY SF CO		186	/cmm	40 - 440
ABSOLUTE MONOCYTE CO by FLOW CYTOMETRY BY SF C		466	/cmm	80 - 880
ABSOLUTE BASOPHIL COU by FLOW CYTOMETRY BY SF C		0	/cmm	0 - 110
PLATELETS AND OTHER I	PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING	, ELECTRICAL IMPEDENCE	369000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING	, ELECTRICAL IMPEDENCE	0.34	%	0.10 - 0.36
MEAN PLATELET VOLUME by HYDRO DYNAMIC FOCUSING	, ELECTRICAL IMPEDENCE	9	fL	6.50 - 12.0
PLATELET LARGE CELL CC by HYDRO DYNAMIC FOCUSING	, ELECTRICAL IMPEDENCE	72000	/cmm	30000 - 90000
PLATELET LARGE CELL RA	, ELECTRICAL IMPEDENCE	19.6	%	11.0 - 45.0
PLATELET DISTRIBUTION by hydro dynamic focusing NOTE: TEST CONDUCTED OI	, ELECTRICAL IMPEDENCE	15.7	%	15.0 - 17.0





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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com







	Dr. Vinay Chopra MD (Pathology & Microbiolo Chairman & Consultant Path		(Pathology)
NAME	: Mr. SANCHIT AGGARWAL		
AGE/ GENDER	: 11 YRS/MALE	PATIENT ID	: 1667360
COLLECTED BY	:	REG. NO./LAB NO.	: 012501200050
REFERRED BY	:	REGISTRATION DATE	: 20/Jan/2025 02:55 PM
BARCODE NO.	: 01524151	COLLECTION DATE	: 20/Jan/2025 02:57PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 20/Jan/2025 03:10PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA C	ANTT	
Test Name	Valu	ıe Unit	Biological Reference interval



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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com







	Dr. Vinay Cho MD (Pathology & Chairman & Cons	Microbiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mr. SANCHIT AGGARWAL			
AGE/ GENDER	: 11 YRS/MALE	P	ATIENT ID	: 1667360
COLLECTED BY	:	R	EG. NO./LAB NO.	: 012501200050
REFERRED BY	:	R	EGISTRATION DATE	: 20/Jan/2025 02:55 PM
BARCODE NO.	: 01524151	C	OLLECTION DATE	: 20/Jan/2025 02:57PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	: 20/Jan/2025 03:42PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
by RED CELL AGGREN NTERPRETATION: . ESR is a non-specif mmune disease, but . An ESR can be affe s C-reactive protein . This test may also ystemic lupus eryth ONDITION WITH LO . low ESR can be see bolycythaemia), sigr s sickle cells in sickl IOTE: . ESR and C - reactiv . Generally, ESR doe . CRP is not affected . If the ESR is elevat . Women tend to ha . Drugs such as dext	does not tell the health practitior cted by other conditions besides i be used to monitor disease activi- ematosus W ESR n with conditions that inhibit the hificantly high white blood cell coi e cell anaemia) also lower the ES e protein (C-RP) are both markers es not change as rapidly as does CI by as many other factors as is ESF ed, it is typically a result of two ty ye a higher ESR, and menstruation	coften indicates the ner exactly where s inflammation. For ty and response to normal sedimenta unt (leucocytosis) SR. of inflammation. RP, either at the st A, making it a bette ypes of proteins, gl n and pregnancy ca	the inflammation is in the this reason, the ESR is ty therapy in both of the a tion of red blood cells, s , and some protein abno rart of inflammation or a r marker of inflammatior obulins or fibrinogen. an cause temporary eleva	tion associated with infection, cancer and auto- e body or what is causing it. pically used in conjunction with other test such above diseases as well as some others, such as such as a high red blood cell count formalities. Some changes in red cell shape (such s it resolves. n .





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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com



Page 4 of 15





		ogy & Microbiology) Consultant Pathologis		(Pathology)
NAME	: Mr. SANCHIT AGGARW	AL		
AGE/ GENDER	: 11 YRS/MALE		PATIENT ID	: 1667360
COLLECTED BY	:		REG. NO./LAB NO.	: 012501200050
REFERRED BY	:		REGISTRATION DATE	: 20/Jan/2025 02:55 PM
BARCODE NO.	:01524151		COLLECTION DATE	: 20/Jan/2025 02:57PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 20/Jan/2025 04:35PM
CLIENT ADDRESS	: 6349/1, NICHOLSON RO	DAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLI	NICAL CHEMIS	TRY/BIOCHEMIST	'RY
		GLUCOSE	FASTING (F)	
	G (F): PLASMA	86.72	mg/dL	NORMAL: < 100.0

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.





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

DR.YUGAM CHOPRA

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: Ilnd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





KOS Diagnostic Lab (A Unit of KOS Healthcare)

		Chopra & Microbiology) onsultant Pathologis	icrobiology) MD (Pathology)		
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. SANCHIT AGGARWAL : 11 YRS/MALE : : : 01524151 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAI		PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1667360 : 012501200050 : 20/Jan/2025 02:55 PM : 20/Jan/2025 02:57PM : 20/Jan/2025 04:35PM	
Test Name		Value	Unit	Biological Reference interval	
		LIPID PRO	OFILE : BASIC		
CHOLESTEROL TOTA		136.16	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0	
TRIGLYCERIDES: SE by GLYCEROL PHOSPH	RUM NATE OXIDASE (ENZYMATIC)	65.36	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0	
HDL CHOLESTEROL by SELECTIVE INHIBITIC		61.75	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0	
LDL CHOLESTEROL: by CALCULATED, SPEC		61.35	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 CHOLESTI by calculated, spec		74.41	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		13.07	mg/dL	0.00 - 45.00	
TOTAL LIPIDS: SERU	JM	337.69 ^L	mg/dL	350.00 - 700.00	
by CALCULATED, SPECTROPHOTOMETRY CHOLESTEROL/HDL RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY		2.21	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0	



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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





		hopra & Microbiology) nsultant Patholog		(Pathology)
NAME	: Mr. SANCHIT AGGARWAL			
AGE/ GENDER	: 11 YRS/MALE		PATIENT ID	: 1667360
COLLECTED BY	:		REG. NO./LAB NO.	: 012501200050
REFERRED BY	:		REGISTRATION DATE	: 20/Jan/2025 02:55 PM
BARCODE NO.	:01524151		COLLECTION DATE	: 20/Jan/2025 02:57PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 20/Jan/2025 04:35PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANT	Т	
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		0.99	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	1.06 ^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.

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





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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com







Dr. Yugam Chopra

MD (Pathology) MD (Pathology & Microbiology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. SANCHIT AGGARWAL AGE/ GENDER : 11 YRS/MALE **PATIENT ID** :1667360 **COLLECTED BY** :012501200050 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 20/Jan/2025 02:55 PM **BARCODE NO.** :01524151 **COLLECTION DATE** : 20/Jan/2025 02:57PM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 20/Jan/2025 04:35PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value Unit **Biological Reference interval** Test Name LIVER FUNCTION TEST (COMPLETE) BILIRUBIN TOTAL: SERUM 0.26 mg/dL INFANT: 0.20 - 8.00 by DIAZOTIZATION, SPECTROPHOTOMETRY ADULT: 0.00 - 1.20 0.00 - 0.40 BILIRUBIN DIRECT (CONJUGATED): SERUM 0.12 mg/dL by DIAZO MODIFIED, SPECTROPHOTOMETRY BILIRUBIN INDIRECT (UNCONJUGATED): SERUM 0.14 mg/dL 0.10 - 1.00 by CALCULATED, SPECTROPHOTOMETRY 22 7.00 - 45.00 SGOT/AST: SERUM U/L by IFCC, WITHOUT PYRIDOXAL PHOSPHATE SGPT/ALT: SERUM 12.5 U/L 0.00 - 49.00 by IFCC, WITHOUT PYRIDOXAL PHOSPHATE AST/ALT RATIO: SERUM 1.76 RATIO 0.00 - 46.00 by CALCULATED, SPECTROPHOTOMETRY ALKALINE PHOSPHATASE: SERUM 306.08 U/L 50.00 - 370.00 by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM U/L 0.00 - 55.0 13.89 by SZASZ, SPECTROPHTOMETRY TOTAL PROTEINS: SERUM 6.9 gm/dL 6.20 - 8.00 by BIURET, SPECTROPHOTOMETRY ALBUMIN: SERUM 4.56 gm/dL 3.50 - 5.50 by BROMOCRESOL GREEN 2.34 2.30 - 3.50 **GLOBULIN: SERUM** gm/dL by CALCULATED, SPECTROPHOTOMETRY A : G RATIO: SERUM 1.95 RATIO 1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

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.

Dr. Vinay Chopra

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)





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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com



INTERPRETATION





	Dr. Vinay Chopr MD (Pathology & Micr Chairman & Consultar	robiology) ME	m Chopra D (Pathology) ht Pathologist
NAME	: Mr. SANCHIT AGGARWAL		
AGE/ GENDER	: 11 YRS/MALE	PATIENT ID	: 1667360
COLLECTED BY	:	REG. NO./LAB NO.	: 012501200050
REFERRED BY	:	REGISTRATION DATE	: 20/Jan/2025 02:55 PM
BARCODE NO.	: 01524151	COLLECTION DATE	: 20/Jan/2025 02:57PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 20/Jan/2025 04:35PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT	
Test Name		Value Unit	Biological Reference interva

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



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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com







	Dr. Vinay Chop MD (Pathology & M Chairman & Consul	licrobiology)	Dr. Yugam MD (CEO & Consultant I	Pathology)
NAME	: Mr. SANCHIT AGGARWAL			
AGE/ GENDER	: 11 YRS/MALE	P	ATIENT ID	: 1667360
COLLECTED BY	:	R	EG. NO./LAB NO.	: 012501200050
REFERRED BY	:	R	EGISTRATION DATE	: 20/Jan/2025 02:55 PM
BARCODE NO.	: 01524151	C	OLLECTION DATE	: 20/Jan/2025 02:57PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	: 20/Jan/2025 04:38PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	KIDNE	Y FUNCTION	TEST (COMPLETE)	
UREA: SERUM		18.08	mg/dL	10.00 - 50.00
by UREASE - GLUTAM	ATE DEHYDROGENASE (GLDH)		Ũ	
CREATININE: SERU		0.7	mg/dL	0.40 - 1.40
-	COGEN (BUN): SERUM	8.45	mg/dL	7.0 - 25.0
by CALCULATED, SPE		10.07		10.0 00.0
RATIO: SERUM	ROGEN (BUN)/CREATININE	12.07	RATIO	10.0 - 20.0
by CALCULATED, SPE				
UREA/CREATININ		25.83	RATIO	
URIC ACID: SERUM		2.96^L	mg/dL	3.60 - 7.70
by URICASE - OXIDAS	E PEROXIDASE		Ib/ a m	8.50 10.00
CALCIUM: SERUM by ARSENAZO III, SPE	CTROPHOTOMETRY	9.34	mg/dL	8.50 - 10.60
PHOSPHOROUS: SE		4.72 ^H	mg/dL	2.30 - 4.70
by PHOSPHOMOLYBE ELECTROLYTES	DATE, SPECTROPHOTOMETRY			
SODIUM: SERUM		140.6	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV POTASSIUM: SERUI		4.1	mmol/L	3.50 - 5.00
by ISE (ION SELECTIV		4.1	IIIII01/ L	3.30 - 3.00
CHLORIDE: SERUM		105.45	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV ESTIMATED GLON	E ELECTRODE)			
	ERULAR FILTERATION RATE	143.1		
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.



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

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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





		Dr. Vinay Chopr MD (Pathology & Mic Chairman & Consulta	robiology)	Dr. CEO & Co		athology)		
IAME	: Mr. SANCHI	T AGGARWAL						
AGE/ GENDER	: 11 YRS/MAI	.E	I	PATIENT ID		: 1667360		
COLLECTED BY			I	REG. NO./LAB NO)	:0125012000	50	
REFERRED BY								
				REGISTRATION I		: 20/Jan/2025 0		
BARCODE NO.	:01524151			COLLECTION DAT		: 20/Jan/2025 0		
CLIENT CODE.	: KOS DIAGN	AGNOSTIC LAB		REPORTING DAT	Έ	: 20/Jan/2025 0	4:38PM	
CLIENT ADDRESS	: 6349/1, NIC	HOLSON ROAD, AME	ALA CANTT					
Test Name			Value	Uı	nit	Biolog	gical Reference	e interval
burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necr	ke or productio kia, high fever) (e.g. ureter col ass (subnormal tetracycline, gl D:1) WITH ELEV (BUN rises disp superimposed 0:1) WITH DECI DSIS.	ostomy) creatinine productio ucocorticoids) ATED CREATININE LEV proportionately more on renal disease.	ר) ELS:				drome, high pro	tein diet,
6. Excess protein inta burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia DECREASED RATIO (<1 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 c 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERU CKD STAGE G1 G2 G3a	ce or production kia, high fever) (e.g. ureter col ass (subnormal tetracycline, gl D:1) WITH ELEV (BUN rises disp superimposed D:1) WITH DECI osis. d starvation. creased urea sy urea rather that monemias (urea f inappropiate D:1) WITH INCR oy (accelerates eleases muscle who develop reasily sis (acetoaceta creased BUN/cr apy (interferes LAR FILTERATION NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO K NO	ostomy) creatinine productio ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : n creatinine diffuses a is virtually absent ir antidiuretic harmone EASED CREATININE: conversion of creatin creatinine). enal failure. te causes false increa reatinine ratio). with creatinine mease IN RATE: DESCRIPTION rmal kidney function idney damage with iormal or high GFR ild decrease in GFR	n) ELS: than creatinin but of extrace blood). due to tubula e to creatinine se in creatinin urement).	e) (e.g. obstructiv llular fluid). Ir secretion of ure e). e with certain me <u>./min/1.73m2)</u> >90 >90 60 -89	a.	<i>y</i>).	ormal ratio whe	
6. Excess protein inta burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia DECREASED RATIO (<1 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 c 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERL CKD STAGE G1 G2	ce or production kia, high fever) (e.g. ureter col ass (subnormal tetracycline, gl D:1) WITH ELEV (BUN rises disp superimposed D:1) WITH DECI osis. d starvation. creased urea sy urea rather that monemias (urea f inappropiate D:1) WITH INCR oy (accelerates eleases muscle who develop reasily sis (acetoaceta creased BUN/cr apy (interferes LAR FILTERATION No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Kan No Mod	ostomy) creatinine productio ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : Thesis. n creatinine diffuses a is virtually absent ir antidiuretic harmone EASED CREATININE: conversion of creatin creatinine). anal failure. te causes false increa reatinine ratio). with creatinine measu N RATE: DESCRIPTION rmal kidney function idney damage with tormal or high GFR	n) ELS: than creatinin but of extrace blood). due to tubula e to creatinine se in creatinin urement).	e) (e.g. obstructiv Ilular fluid). Ir secretion of ure e). e with certain me <u>/min/1.73m2)</u> >90 >90	a.	/). es,resulting in no <u>CIATED FINDINGS</u> o proteinuria ence of Protein ,	ormal ratio whe	





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









: 01524151 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMBAL	COLLECTION DATE REPORTING DATE A CANTT	: 20/Jan/2025 02:57PM : 20/Jan/2025 04:38PM
: KOS DIAGNOSTIC LAB	REPORTING DATE	
:01524151	COLLECTION DATE	: 20/Jan/2025 02:57PM
•		
	REGISTRATION DATE	: 20/Jan/2025 02:55 PM
:	REG. NO./LAB NO.	: 012501200050
: 11 YRS/MALE	PATIENT ID	: 1667360
: Mr. SANCHIT AGGARWAL		
		(Pathology) t Pathologist
Dr. Vinay Chopra	Dr. Yugan	
	MD (Pathology & Microb Chairman & Consultant F : Mr. SANCHIT AGGARWAL	MD (Pathology & Microbiology) Chairman & Consultant Pathologist CEO & Consultant : Mr. SANCHIT AGGARWAL : 11 YRS/MALE PATIENT ID

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com







М Л Л
И
И
И
-
Л
eference interval
or neoplastic
or neoniastic

5. Elevated values are consistent with an acute inflammatory process. **NOTE:**

Elevated C-reactive protein (CRP) values are nonspecific and should not be interpreted without a complete clinical history.
 Oral contraceptives may increase CRP levels.





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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt - 133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com







Dr. Vinay Ch MD (Pathology & Chairman & Cor				m Chopra D (Pathology) nt Pathologist	
NAME	: Mr. SANCHIT AGGARWAL				
AGE/ GENDER	: 11 YRS/MALE	PA	FIENT ID	: 1667360	
COLLECTED BY	:	RE	G. NO./LAB NO.	: 012501200050	
REFERRED BY	:	RE	GISTRATION DATE	: 20/Jan/2025 02:55 PM	
BARCODE NO.	: 01524151	CO	LLECTION DATE	: 20/Jan/2025 02:57PM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		PORTING DATE	: 20/Jan/2025 03:52PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interva	ıl
		CLINICAL PA	THOLOGY		
	URINE RO		SCOPIC EXAMINA	TION	
PHYSICAL EXAMIN			SCOI IC EXAMINA	ATION	
QUANTITY RECIEV		10	ml		
	TANCE SPECTROPHOTOMETRY				
COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		AMBER YELLOW		PALE YELLOW	
		CLEAR		CLEAR	
				1000 1000	
SPECIFIC GRAVITY by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	1.01		1.002 - 1.030	
CHEMICAL EXAMI	NATION				
REACTION		ALKALINE			
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
	TANCE SPECTROPHOTOMETRY				
SUGAR by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
pH		7.5		5.0 - 7.5	
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
•	TANCE SPECTROPHOTOMETRY	C .			
NITRITE by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)	
UROBILINOGEN	TANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0	
KETONE BODIES		Negative		NEGATIVE (-ve)	
BLOOD	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
•	TANCE SPECTROPHOTOMETRY	Ũ			
ASCORBIC ACID by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	NEGATIVE (-	ve)	NEGATIVE (-ve)	
MICROSCOPIC EXA					
RED BLOOD CELLS	(RBCs)	NEGATIVE (-	ve) /HPF	0 - 3	





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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com
 www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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

NAME	: Mr. SANCHIT AGGARWAL		
AGE/ GENDER	: 11 YRS/MALE	PATIENT ID	: 1667360
COLLECTED BY	:	REG. NO./LAB NO.	: 012501200050
REFERRED BY	:	REGISTRATION DATE	: 20/Jan/2025 02:55 PM
BARCODE NO.	: 01524151	COLLECTION DATE	: 20/Jan/2025 02:57PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 20/Jan/2025 03:52PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		
Test Name	Value	Unit	Biological Reference interval

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

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	0-1	/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 ***



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

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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com

