



	Dr. Vinay Chopra MD (Pathology & Microbiolog	v)	Dr. Yugam	Chopra Pathology)
	Chairman & Consultant Patho		CEO & Consultant F	
NAME : Mr. SANDI	EEP			
AGE/ GENDER : 23 YRS/MA	JLE	PATIEN	T ID	: 1726277
COLLECTED BY :		REG. NO)./LAB NO.	: 012501170005
REFERRED BY :		REGIST	RATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO. : 01523983			TION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE. : KOS DIAGN			FING DATE	: 17/Jan/2025 10:22AM
CLIENT ADDRESS : 6349/1, NI	CHOLSON ROAD, AMBALA CA	NTT		
Test Name	Value		Unit	Biological Reference interval
	HA	EMATOLO	OGY	
	COMPLETE			
RED BLOOD CELLS (RBCS) COU				
HAEMOGLOBIN (HB)	14.7		gm/dL	12.0 - 17.0
RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELEC		H	Millions/c	mm 3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEI	43.9		%	40.0 - 54.0
MEAN CORPUSCULAR VOLUME by CALCULATED BY AUTOMATED HEI	(MCV) 86.7		fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOG	LOBIN (MCH) 29		pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGL	OBIN CONC. (MCHC) 33.5		g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDT	"H (RDW-CV) 13.8		%	11.00 - 16.00
RED CELL DISTRIBUTION WIDT by CALCULATED BY AUTOMATED HEI			fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	17.13	3	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	23.6		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 &			/cmm	4000 - 11000
NUCLEATED RED BLOOD CELLS by AUTOMATED 6 PART HEMATOLOG				0.00 - 20.00
	(nRBCS) % NIL		%	< 10 %



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
 www.koshealthcare.com



Page 1 of 14



:

:

NAME

AGE/ GENDER

COLLECTED BY

REFERRED BY

BARCODE NO.

CLIENT CODE.



Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist : Mr. SANDEEP : 23 YRS/MALE :01523983 : KOS DIAGNOSTIC LAB

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

PATIENT ID	: 1726277
REG. NO./LAB NO.	:012501170005
REGISTRATION DATE	: 17/Jan/2025 09:22 AM
COLLECTION DATE	: 17/Jan/2025 09:28AM
REPORTING DATE	: 17/Jan/2025 10:22AM

CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

Test Name	Value	Unit	Biological Reference interval
	Taluc	Unit	biological weier ente liller val
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS	61	%	50 - 70
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0.0	24	00.40
LYMPHOCYTES by flow cytometry by SF cube & microscopy	22	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	11 ^H	%	1 - 6
MONOCYTES	6	%	2 - 12
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY			
BASOPHILS	0	%	0 - 1
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY			
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5844	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2108	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT	1054 ^H	/cmm	40 - 440
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1034	/ chillin	10 110
ABSOLUTE MONOCYTE COUNT	575	/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	MADKEDC		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	169000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by Hydro Dynamic Focusing, electrical impedence	0.25	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	15 ^H	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC)	100000	/cmm	30000 - 90000
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	103000 ^H	/ ciiiiii	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR)	61.2 ^H	%	11.0 - 45.0
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	U1 .W		
PLATELET DISTRIBUTION WIDTH (PDW)	16.4	%	15.0 - 17.0
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE			
NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD			



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

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







	Dr. Vinay Chopra MD (Pathology & Microbiolo Chairman & Consultant Patho		(Pathology)
NAME	: Mr. SANDEEP		
AGE/ GENDER	: 23 YRS/MALE	PATIENT ID	: 1726277
COLLECTED BY	:	REG. NO./LAB NO.	: 012501170005
REFERRED BY	:	REGISTRATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO.	: 01523983	COLLECTION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 17/Jan/2025 10:22AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	ANTT	
Test Name	Value	e Unit	Biological Reference interval



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

UR.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 Chc MD (Pathology & I Chairman & Const	Microbiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mr. SANDEEP			
AGE/ GENDER	: 23 YRS/MALE	PA	TIENT ID	: 1726277
COLLECTED BY	:	RE	G. NO./LAB NO.	: 012501170005
REFERRED BY	:	RE	GISTRATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO.	: 01523983	CO	LLECTION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE		: 17/Jan/2025 10:23AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	PROTH	IROMBIN TIME	STUDIES (PT/IN	(R)
PT TEST (PATIENT		14.1	SECS	11.5 - 14.5
PT (CONTROL) by PHOTO OPTICAL C	CLOT DETECTION	12	SECS	
ISI by PHOTO OPTICAL C	CLOT DETECTION	1.1		
INTERNATIONAL	NORMALISED RATIO (INR)	1.19		0.80 - 1.20
PT INDEX by PHOTO OPTICAL C	CLOT DETECTION	85.11	%	

INTERPRETATION:-

1.INR is the parameter of choice in monitoring adequacy of oral anti-coagulant therapy. Appropriate therapeutic range varies with the disease and treatment intensity.

2. Prolonged INR suggests potential bleeding disorder /bleeding complications

3. Results should be clinically correlated.

4. Test conducted on Citrated Plasma

INDICATION		INTERNATI	ONAL NORMALIZED RATIC (INR)
Treatment of venous thrombosis			
Treatment of pulmonary embolism			
Prevention of systemic embolism in tissue heart valves		$\overline{\nabla}$	2.0 - 3.0
Valvular heart disease	Low Intensity		
Acute myocardial infarction			
Atrial fibrillation			
Bileaflet mechanical valve in aortic position			
Recurrent embolism			
Mechanical heart valve	High Intensity		2.5 - 3.5
Antiphospholipid antibodies ⁺			





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







	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	robiology) ME	m Chopra D (Pathology) ht Pathologist
NAME	: Mr. SANDEEP		
AGE/ GENDER	: 23 YRS/MALE	PATIENT ID	: 1726277
COLLECTED BY	:	REG. NO./LAB NO.	: 012501170005
REFERRED BY	:	REGISTRATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO.	: 01523983	COLLECTION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 17/Jan/2025 10:23AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT	
Test Name		Value Unit	Biological Reference interva

The prothrombin time (PT) and its derived measures of prothrombin ratio (PR) and international normalized ratio (INR) are measures of the efficacy of the extrinsic pathway of coagulation. PT test reflects the adequacy of factors I (fibrinogen), II (prothrombin), V, VII, and X. It is used in conjunction with the activated partial thromboplastin time (aPTT) which measures the intrinsic pathway. The common causes of prolonged prothrombin time are :

1.Oral Anticoagulant therapy.

2.Liver disease.

3.Vit K. deficiency.

4.Disseminated intra vascular coagulation. 5.Factor 5, 7, 10 or Prothrombin dificiency



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 & Microbi Chairman & Consultant P	iology) MD	n Chopra D (Pathology) ht Pathologist
NAME	: Mr. SANDEEP		
AGE/ GENDER	: 23 YRS/MALE	PATIENT ID	: 1726277
COLLECTED BY	:	REG. NO./LAB NO.	: 012501170005
REFERRED BY	:	REGISTRATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO.	: 01523983	COLLECTION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 17/Jan/2025 10:23AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAL/	A CANTT	
Test Name	Va	alue Unit	Biological Reference interval

(A Unit of KOS Healthcare)

APTI (PATIENT VALUE)
by PHOTO OPTICAL CLOT DETECTION

INTERPRETATION:-

The activated partial thromboplastin time (aPTT or APTT) is a performance indicator measuring the efficacy of both the intrinsic (now referred to as the contact activation pathway) and the common coagulation pathways. Apart from detecting abnormalities in blood clotting, it is also used to monitor the treatment effects with heparin, a major anticoagulant. It is used in conjunction with the prothrombin time (PT) which measures the extrinsic pathway.

COMMON CAUSES OF PROLONGED APTT :-

1. Disseminated intravascular coagulation.

- 2. Liver disease.
- 3. Massive transfusion with stored blood.
- 4. Heparin administration or contamination.
- 5. A circulating Anticogulant.
- 6. Deficiency of a coagulation Factor other than factor 7.



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 & Mi Chairman & Consult	crobiology)		(Pathology)
NAME	: Mr. SANDEEP			
AGE/ GENDER	: 23 YRS/MALE		PATIENT ID	: 1726277
COLLECTED BY	:		REG. NO./LAB NO.	: 012501170005
REFERRED BY	:		REGISTRATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO.	: 01523983		COLLECTION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 17/Jan/2025 12:06PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLINICAI	L CHEMIS	TRY/BIOCHEMIST	RY
	LIVER	FUNCTION	N TEST (COMPLETE)	
BILIRUBIN TOTAL	: SERUM PECTROPHOTOMETRY	0.58	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	Г (CONJUGATED): SERUM spectrophotometry	0.17	mg/dL	0.00 - 0.40
	ECT (UNCONJUGATED): SERUM	0.41	mg/dL	0.10 - 1.00
SGOT/AST: SERUM	[/RIDOXAL PHOSPHATE	20.1	U/L	7.00 - 45.00
SGPT/ALT: SERUM	[/RIDOXAL PHOSPHATE	11.1	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM ECTROPHOTOMETRY	1.81	RATIO	0.00 - 46.00
ALKALINE PHOSP by PARA NITROPHEN PROPANOL	HATASE: SERUM IYL PHOSPHATASE BY AMINO METHYL	139.54 ^H	U/L	40.0 - 130.0
GAMMA GLUTAMY	L TRANSFERASE (GGT): SERUM	17.92	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO	SERUM	7.03	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.4	gm/dL	3.50 - 5.50
GLOBULIN: SERUM		2.63	gm/dL	2.30 - 3.50
A : G RATIO: SERU		1.67	RATIO	1.00 - 2.00

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





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: Ilnd 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 Choj MD (Pathology & M Chairman & Consu	licrobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. SANDEEP			
AGE/ GENDER	: 23 YRS/MALE	PATIE	NT ID	: 1726277
COLLECTED BY	:	REG. N	10./LAB NO.	: 012501170005
REFERRED BY	:	REGIS	TRATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO.	: 01523983	COLLE	CTION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPOR	RTING DATE	: 17/Jan/2025 12:06PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	/IBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
HEPATOCELLULAR C	ARCINOMA & CHRONIC HEPATITIS		> 1.3 (Slightly Inc	reased)

HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Increased)
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







RATIO

mg/dL

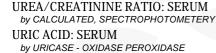
3.60 - 7.70

	Dr. Vinay Cho MD (Pathology & M Chairman & Consu	1icrobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. SANDEEP			
AGE/ GENDER	: 23 YRS/MALE	PA	ATIENT ID	: 1726277
COLLECTED BY	:	RI	EG. NO./LAB NO.	: 012501170005
REFERRED BY	:	RI	EGISTRATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO.	: 01523983	CC	DLLECTION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RI	EPORTING DATE	: 17/Jan/2025 12:06PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	KID	NEY FUNCTIO	ON TEST (BASIC)	
UREA: SERUM by UREASE - GLUTAN	IATE DEHYDROGENASE (GLDH)	29.46	mg/dL	10.00 - 50.00
CREATININE: SERU		0.6	mg/dL	0.40 - 1.40
	COGEN (BUN): SERUM	13.77	mg/dL	7.0 - 25.0
RATIO: SERUM	ROGEN (BUN)/CREATININE	22.95 ^H	RATIO	10.0 - 20.0

49.1

6.23

URIC ACID: SERUM







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







	MD (Pathology & Chairman & Cons	Microbiology) MI sultant Pathologist CEO & Consultar	D (Pathology) nt Pathologist
IAME	: Mr. SANDEEP		
GE/ GENDER	: 23 YRS/MALE	PATIENT ID	: 1726277
OLLECTED BY	:	REG. NO./LAB NO.	: 012501170005
EFERRED BY	:	REGISTRATION DATE	: 17/Jan/2025 09:22 AM
ARCODE NO.	: 01523983	COLLECTION DATE	: 17/Jan/2025 09:28AM
LIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 17/Jan/2025 12:06PM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT	
Fest Name		Value Unit	Biological Reference interval
3.GI hemorrhage. 4.High protein intake 5.Impaired renal func 6.Excess protein intal burns,surgery, cache: 7.Urine reabsorption 8.Reduced muscle ma 9.Certain drugs (e.g. t INCREASED RATIO (>2 1.Postrenal azotemia s DECREASED RATIO (1.Acute tubular necro 3.Severe liver disease 4.Other causes of dec 5.Repeated dialysis (f 6.Inherited hyperami 7.SIADH (syndrome o 8.Pregnancy. DECREASED RATIO (< 1.Phenacimide therap 2.Rhabdomyolysis (fe	ction plus . se or production or tissue breakd kia, high fever). (e.g. ureterocolostomy) ass (subnormal creatinine produce etracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE (BUN rises disproportionately me uperimposed on renal disease. 10:1) WITH DECREASED BUN : sis. d starvation. creased urea synthesis. urea rather than creatinine diffus nonemias (urea is virtually abser f inappropiate antidiuretic harmon 10:1) WITH INCREASED CREATININ by (accelerates conversion of create eleases muscle creatinine). who develop renal failure.	ction) LEVELS: fore than creatinine) (e.g. obstructive uropa ses out of extracellular fluid). It in blood). one) due to tubular secretion of urea. E: atine to creatinine). rease in creatinine with certain methodological	cosis, Cushings syndrome, high protein diet, athy). ogies,resulting in normal ratio when dehydratio

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

Г







	Dr. Vinay Ch MD (Pathology & Chairman & Con			(Pathology)
NAME	: Mr. SANDEEP			
AGE/ GENDER	: 23 YRS/MALE		PATIENT ID	: 1726277
COLLECTED BY	:		REG. NO./LAB NO.	: 012501170005
REFERRED BY	:		REGISTRATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO.	:01523983		COLLECTION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 17/Jan/2025 12:06PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
			DLOGY/SEROLOGY HCV) ANTIBODY: TO	
		TIS C VIRUS (0.13		
by CMIA (CHEMILUMIN HEPATITIS C ANTI RESULT by CMIA (CHEMILUMIN	HEPATI BODY (HCV) TOTAL: SERUM	D.13 SSAY) NON - RE	HCV) ANTIBODY: TO S/CO	DTAL NEGATIVE: < 1.00
by CMIA (CHEMILUMIN HEPATITIS C ANTI RESULT by CMIA (CHEMILUMIN INTERPRETATION:-	HEPATT BODY (HCV) TOTAL: SERUM IESCENT MICROPARTICLE IMMUNOA BODY (HCV) TOTAL	D.13 SSAY) NON - RE	HCV) ANTIBODY: TO S/CO ACTIVE	DTAL NEGATIVE: < 1.00
by CMIA (CHEMILUMIN HEPATITIS C ANTI RESULT by CMIA (CHEMILUMIN INTERPRETATION:-	HEPATI BODY (HCV) TOTAL: SERUM IESCENT MICROPARTICLE IMMUNOA BODY (HCV) TOTAL	D.13 SSAY) NON - RE	HCV) ANTIBODY: TO S/CO	DTAL NEGATIVE: < 1.00 POSITIVE: > 1.00

Indicator of past or present infection, but does not differentiate between Acute/ Chronic/Resolved Infection.
 Routine screening of low and high prevelance population including blood donors.

NOTE:

1. False positive results are seen in Auto-immune disease, Rheumatoid Factor, HYpergammaglobulinemia, Paraproteinemia, Passive antibody transfer, Anti-idiotypes and Anti-superoxide dismutase.

2. False negative results are seen in early Acute infection, Immunosuppression and Immuno-incompetence.

3. HCV-RNA PCR recommended in all reactive results to differentiate between past and present infection.





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







		Chopra gy & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. SANDEEP			
AGE/ GENDER	: 23 YRS/MALE	PAT	IENT ID	: 1726277
COLLECTED BY	:	REG	. NO./LAB NO.	: 012501170005
REFERRED BY	:	REG	ISTRATION DATE	: 17/Jan/2025 09:22 AM
BARCODE NO.	: 01523983	COL	LECTION DATE	: 17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RFP	ORTING DATE	: 17/Jan/2025 12:06PM
CHILITI CODI.	. ROS DIAGNOSTIC LAD	IVL1	OWING DITL	
	: 6349/1, NICHOLSON ROA			
CLIENT ADDRESS			Unit	Biological Reference interval
CLIENT ADDRESS Test Name	: 6349/1, NICHOLSON RO	AD, AMBALA CANTT Value	Unit	
CLIENT ADDRESS Test Name ANTI HU HIV 1/2 AND P24	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT Value ENCY VIRUS (HIV) D 0.1	Unit	Biological Reference interval
CLIENT ADDRESS Test Name ANTI HU HIV 1/2 AND P24 by CMIA (CHEMILUMI HIV 1/2 AND P24	: 6349/1, NICHOLSON ROA MAN IMMUNODEFICIE ANTIGEN: SERUM VESCENT MICROPARTICLE IMMUN	AD, AMBALA CANTT Value ENCY VIRUS (HIV) D 0.1 NON - REACT	Unit UO ULTRA WITH S/CO	Biological Reference interval I (P-24 ANTIGEN DETECTION) NEGATIVE: < 1.00
CLIENT ADDRESS Test Name ANTI HU HIV 1/2 AND P24 by CMIA (CHEMILUMII HIV 1/2 AND P24 by CMIA (CHEMILUMII INTERPRETATION:-	: 6349/1, NICHOLSON ROA MAN IMMUNODEFICIE ANTIGEN: SERUM VESCENT MICROPARTICLE IMMUN ANTIGEN RESULT VESCENT MICROPARTICLE IMMUN	AD, AMBALA CANTT Value ENCY VIRUS (HIV) D 0.1 NON - REACT	Unit UO ULTRA WITH S/CO VE	Biological Reference interval I (P-24 ANTIGEN DETECTION) NEGATIVE: < 1.00
CLIENT ADDRESS Test Name ANTI HU HIV 1/2 AND P24 by CMIA (CHEMILUMII HIV 1/2 AND P24 by CMIA (CHEMILUMII INTERPRETATION:- RESU	: 6349/1, NICHOLSON ROA MAN IMMUNODEFICIE ANTIGEN: SERUM VESCENT MICROPARTICLE IMMUN ANTIGEN RESULT	AD, AMBALA CANTT Value ENCY VIRUS (HIV) D 0.1 NON - REACT	Unit UO ULTRA WITH S/CO	Biological Reference interval I (P-24 ANTIGEN DETECTION) NEGATIVE: < 1.00

Non-Reactive result implies that antibodies to HIV 1/2 have not been detected in the sample . This menas that patient has either not been exposed to HIV 1/2 infection or the sample has been tested during the "window phase" i.e. before the development of detectable levels of antibodies. Hence a Non Reactive result does not exclude the possibility of exposure or infection with HIV 1/2. **RECOMMENDATIONS:**

1. Results to be clinically correlated

2. Rarely falsenegativity/positivity may occur.



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



Page 12 of 14





	Dr. Vinay Cho MD (Pathology & Chairman & Cons	Microbiology)	Yugam C MD (Pat onsultant Pat	hology)
NAME	: Mr. SANDEEP			
AGE/ GENDER	: 23 YRS/MALE	PATIENT ID	:	1726277
COLLECTED BY	:	REG. NO./LAB N	0. :	012501170005
REFERRED BY	:	REGISTRATION	DATE :	17/Jan/2025 09:22 AM
BARCODE NO.	: 01523983	COLLECTION DA	TE :	17/Jan/2025 09:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DA	TE :	17/Jan/2025 12:06PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value L	Jnit	Biological Reference interval
	HEPATITIS	S B SURFACE ANTIGEN (HI	BsAg) ULT	'RA
SERUM	HEPATITIS FACE ANTIGEN (HBsAg): NESCENT MICROPARTICLE IMMUNOAS	0.22	BsAg) ULT 5/CO	TRA NEGATIVE: < 1.0 POSITIVE: > 1.0
SERUM by CMIA (CHEMILUMII HEPATITIS B SURI RESULT	FACE ANTIGEN (HBsAg):	0.22 S SAY) NON REACTIVE	U	NEGATIVE: < 1.0
SERUM by CMIA (CHEMILUMII HEPATITIS B SURI RESULT by CMIA (CHEMILUMII INTERPRETATION:	FACE ANTIGEN (HBsAg): NESCENT MICROPARTICLE IMMUNOAS FACE ANTIGEN (HBsAg) NESCENT MICROPARTICLE IMMUNOAS	0.22 S SAY) NON REACTIVE	5/CO	NEGATIVE: < 1.0
SERUM by CMIA (CHEMILUMII HEPATITIS B SURI RESULT by CMIA (CHEMILUMII <u>INTERPRETATION:</u> RESU	FACE ANTIGEN (HBsAg): <i>NESCENT MICROPARTICLE IMMUNOAS</i> FACE ANTIGEN (HBSAg)	0.22 S SAY) NON REACTIVE SAY) REMAR	5/CO	NEGATIVE: < 1.0

Hepatitis B Virus (HBV) is a member of the Hepadna virus family causing infection of the liver with extremely variable clinical features. Hepatitis B is transmitted primarily by body fluids especially serum and also spread effectively sexually and from mother to baby. In most individuals HBV hepatitis is self limiting, but 1-2 % normal adolescent and adults develop Chronic Hepatitis. Frequency of chronic HBV infection is 5-10% in immunocompromised patients and 80 % neonates. The initial serological marker of acute infection is HBsAg which typically appears 2-3 months after infection and disappears 12-20 weeks after onset of symtoms. Persistence of HBsAg for more than 6 months indicates carrier state or Chronic Liver disease.





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.



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



BIQS 150 9001 : 2008 CERT		ostic Lab S Healthcare)	EXCELLENCE IN HEALTHCARE		
	Dr. Vinay Cho MD (Pathology & N Chairman & Consu	1icrobiology)	Dr. Yugan MD CEO & Consultant	(Pathology)	
NAME	: Mr. SANDEEP				
AGE/ GENDER	: 23 YRS/MALE	РАТ	TENT ID	: 1726277	
COLLECTED BY	:	REG	. NO./LAB NO.	: 012501170005	
REFERRED BY	•		ISTRATION DATE	: 17/Jan/2025 09:22 AM	
BARCODE NO.	: 01523983		LECTION DATE	: 17/Jan/2025 09:28AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		PORTING DATE	: 17/Jan/2025 10:07AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AI				
	,				
Test Name		Value	Unit	Biological Reference interv	al
		VDR			
VDRL		NON REACTI		NON REACTIVE	
by IMMUNOCHROMAT	OGRAPHY				
INTERPRETATION:	ositive until 7 - 10 days after appe	aranco ofchancro			
2. <i>High titer (>1:16) - a</i>		ai ance orchancre.			
3.Low titer (<1:8) - bio	ological falsepositive test in 90% ca				
	ry syphillis causes progressive dec cates relapse, reinfection, or treatr				
6.May benonreactive	in early primary, late latent, and	late syphillis (approx	x. 25% ofcases).		
7.Reactive and weakl	y reactive tests should always be co	onfirmedwith FTA-Al	BS (fluorescent trepon	emal antibody absorptiontest).	
SHORTTERM FALSE PC	SITIVE TEST RESULTS (<6 MONTHS	DURATION) MAY OC	CURIN:		
1.Acute viral illnesses	s (e.g., hepatitis, measles, infection				
2.M. pneumoniae; Ch 3.Some immunization	ılamydia; Malaria infection.				
4.Pregnancy (rare)					
	SITIVE TEST RESULTS (>6 MONTHS E disease e.g., collagen vascular dis				
2.Intravenous drug us	sers.		g		
3.Rheumatoid arthrit 4.<10 % of patients old	is, thyroiditis, AIDS, Sjogren's synd der thanage 70 years	rome.			
	e anti-hypertensive drugs.				
5			1		
	* *	* End Of Repor	~t * * *		
		Λ.			
	Br	yho	ra		
(1930)340)	<u> </u>				
	DR.VINAY CHOPRA	DR.YUGAM C			
	CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBI		T PATHOLOGIST PATHOLOGY)		
			and sold started Scheles		

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

