



MD (Patholog		Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant		Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mr. SANDEE	P			
AGE/ GENDER	: 47 YRS/MAL	E	PAT	FIENT ID	: 1799045
COLLECTED BY	:		REC	G. NO./LAB NO.	: 042503200002
REFERRED BY	:		REC	GISTRATION DATE	: 20/Mar/2025 12:33 PM
BARCODE NO.	: A1260690		COI	LECTION DATE	: 20/Mar/2025 03:38PM
CLIENT CODE.	: KOS DIAGNO	STIC SHAHBAD	REF	PORTING DATE	: 20/Mar/2025 04:05PM
CLIENT ADDRESS	: 6349/1, NICI	HOLSON ROAD, AMBAI	LA CANTT		
Test Name			Value	Unit	Biological Reference interval
ANEMIA (DĚCRESED I 1) Loss of blood (trau 2) Nutritional deficie 3) Bone marrow prob 4) Suppression by rec 5) Kidney failure 6) Abnormal hemoglo POLYCYTHEMIA (INCR 1) People in higher a	HAEMOGLOBIN): Imatic injury, sur ncy (iron, vitami lems (replaceme d blood cell synth bbin structure (s REASED HAEMOG Ititudes (Physiol	nt of bone marrow by one marrow by one of bone marrow by chemotherapy ickle cell anemia or that LOBIN): ogical)	ancer or stoma cancer) drugs	ach ulcer)	
4) Advanced lung dise 5) Certain tumors 6) A disorder of the b	aces a falsely rise ease (for example one marrow kno erythropoetin (E	e in hemoglobin due to e, emphysema) wn as polycythemia ru pogen) by athletes for t	bra vera,		e amount of oxygen available to the body by

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)



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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NAME	: Mr. SANDEEP				
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CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAI		REPORTING DATE	: 20/Mar/2025 04:37PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
	CUNI	CAI CHEMIS	TRY/BIOCHEMIST	''RV	
	CLIVI		OFILE : BASIC		
CHOLESTEROL TO	TAL: SERUM	138.78	mg/dL	OPTIMAL: < 200.0	
by CHOLESTEROL O	KIDASE PAP		0	BORDERLINE HIGH: 200.0 -	
				239.0 HIGH CHOLESTEROL: > OR =	
				240.0	
TRIGLYCERIDES: SERUM by GLYCEROL PHOSPHATE OXIDASE (ENZYMATIC)		247.88 ^H	mg/dL	OPTIMAL: < 150.0	
				BORDERLINE HIGH: 150.0 - 199.0	
				HIGH: 200.0 - 499.0	
HDL CHOLESTEROL (DIRECT): SERUM		05 55		VERY HIGH: > OR = 500.0 LOW HDL: < 30.0	
by SELECTIVE INHIBIT		35.55	mg/dL	BORDERLINE HIGH HDL: 30.0	
				60.0	
LDL CHOLESTERO	I · SEDIM	53.65	mg/dL	HIGH HDL: > OR = 60.0 OPTIMAL: < 100.0	
by CALCULATED, SPE				ABOVE OPTIMAL: 100.0 - 129.0	
				BORDERLINE HIGH: 130.0 -	
				159.0 HIGH: 160.0 - 189.0	
				VERY HIGH: $> OR = 190.0$	
NON HDL CHOLES		103.23	mg/dL	OPTIMAL: < 130.0	
by CALCOLATED, SPL				ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 -	
				189.0	
				HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0	
VLDL CHOLESTER	OL: SERUM	49.58 ^H	mg/dL	0.00 - 45.00	
by CALCULATED, SPE				250.00 700.00	
TOTAL LIPIDS: SERUM by CALCULATED, SPECTROPHOTOMETRY		525.44	mg/dL	350.00 - 700.00	
CHOLESTEROL/HE		3.9	RATIO	LOW RISK: 3.30 - 4.40	
by CALCULATED, SPE	UIRUPHUIUMEIRY			AVERAGE RISK: 4.50 - 7.0	
สรางรา เพราะ			٥		
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DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY		1.51	RATIO	MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0 LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/HDL RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY6.5		6.97 ^H	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 HDI

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement

End Of Report ***





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