

LABORATORY INVESTIGATION REPORT

Name : ARUL KUMAR Referral Clinic : PESHAWAR MEDICAL CENTER ()
D.O.B / Sex : 01-Jan-1983 (39 Years) / MALE Referral Doctor : DR. SAJID
PatientID/Nationality : 158190 / INDIA LabID / Clinic No. : **107970** / 29453

Test Name	Result	Unit	Ref. Range	Methodology
BIOCHEMISTRY				
CHLORIDE	102.1	mmol/L	95-105	Direct ISE
POTASSIUM	4.21	mmol/L	3.5-5.5	Direct ISE
SODIUM	139.2	mmol/L	135-146	Direct ISE
CHOLESTROL, TOTAL	231 ^H	mg/dl	No risk : < 200 Moderate risk: 200 - 239 High risk: >= 240	Colorimetric
TRIGLYCERIDES	105	mg/dl	< 150	Enzymatic Colorimetric
HDL CHOLESTEROL	66.64	mg/dl	No risk: > 55 Moderate risk: 35 - 55 High risk: <35	Enzymatic Colorimetric
LDL CHOLESTEROL	143.7 ^H	mg/dl	Optimal : < 100 Above Optimal : 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: > 190	Calculated
TOTAL CHOL/HDL RATIO	3.5	Ratio	< 4.5	

****The target level varies depending on the added risk factors. *As per current NCEP Guidelines.**



Dr. Uday Sudhalker
Clinical Pathologist
DHA-P-0123520



Registered On : 17/Jun/22 07:55 AM
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ENDOCRINOLOGY				
TSH(THYROID STIMULATING HORMONE)	1.313	uIU/mL	0.3-4.5	CLIA



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HAEMATOLOGY

Volumetric impedance & Spectrophotometry

RBCs	5.34	10 ⁶ ul	4.32 - 5.72
Hemoglobin	16.92	g/dL	13.5 - 17.5
Haematocrit	49.1	%	38.8 - 50
Mean cell volume	91.9	fL	81.2 - 95.1
Mean cell hemoglobin	31.7	pg/mL	27 - 34
Mean cell hemoglobin concentration	34.5	g/dl	32 - 37
RDW	15.2	g/dL	11.8 - 15.6
WBC	9.24	x 10 ³ /uL	3.5 - 10.5
MPV	8.27	fL	7.42 - 10.77

Differential Count (Flow cytometry /Smear)

Neutrophil	70.89 ^H	%	50 - 65
Lymphocyte	19.27 ^L	%	25 - 40
Monocytes	8.01 ^H	%	3 - 7
Eosinophil	1.54	%	0 - 3
Basophil	0.29	%	0 - 1
Platelet	289.7	x 10 ³ /uL	150 - 450

**** End of Report ****



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