

LABORATORY INVESTIGATION REPORT

Name : IRFAN SAFFI Referral Clinic : PESHAWAR MEDICAL CENTER ()
D.O.B / Sex : 03-Dec-1985 (36 Years) / MALE Referral Doctor : DR. SAJID
PatientID/Nationality : 158228 / PAKISTAN LabID / Clinic No. : **108027** / 37235

Test Name	Result	Unit	Ref. Range	Methodology
BIOCHEMISTRY				
CHLORIDE	101.2	mmol/L	95-105	Direct ISE
POTASSIUM	3.9	mmol/L	3.5-5.5	Direct ISE
SODIUM	139	mmol/L	135-146	Direct ISE
CHOLESTROL, TOTAL	219 ^H	mg/dl	No risk : < 200 Moderate risk: 200 - 239 High risk: >= 240	Colorimetric
TRIGLYCERIDES	449 ^H	mg/dl	< 150	Enzymatic Colorimetric
HDL CHOLESTEROL	22.14 ^L	mg/dl	No risk: > 55 Moderate risk: 35 - 55 High risk: <35	Enzymatic Colorimetric
LDL CHOLESTEROL	106.8 ^H	mg/dl	Optimal : < 100 Above Optimal : 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: > 190	Calculated
TOTAL CHOL/HDL RATIO	9.9 ^H	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 : 18/Jun/22 08:13 AM
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ENDOCRINOLOGY				
TSH(THYROID STIMULATING HORMONE)	1.781	uIU/mL	0.3-4.5	CLIA



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HAEMATOLOGY

Volumetric impedance & Spectrophotometry

RBCs	5.40	10 ⁶ ul	4.32 - 5.72
Hemoglobin	14.37	g/dL	13.5 - 17.5
Haematocrit	41.9	%	38.8 - 50
Mean cell volume	77.6 ^L	fL	81.2 - 95.1
Mean cell hemoglobin	26.6	pg/mL	27 - 34
Mean cell hemoglobin concentration	34.3	g/dl	32 - 37
RDW	16.8 ^H	g/dL	11.8 - 15.6
WBC	11.43 ^H	x 10 ³ /uL	3.5 - 10.5
MPV	10.22	fL	7.42 - 10.77

Diffrencial Count (Flow cytometry /Smear)

Neutrophil	69.11 ^H	%	50 - 65
Lymphocyte	20.03 ^L	%	25 - 40
Monocytes	4.77	%	3 - 7
Eosinophil	5.71 ^H	%	0 - 3
Basophil	0.38	%	0 - 1
Platelet	275.0	x 10 ³ /uL	150 - 450

**** End of Report ****



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