

LABORATORY INVESTIGATION REPORT

Name	: MOHAMED FARAG	Referral Clinic	: PESHAWAR MEDICAL CENTER (
D.O.B / Sex	: 13-Nov-1977 (44 Years) / MALE	Referral Doctor	: DR. SAJID
PatientID/Nationality	: 158059 / EGYPT	LabID / Clinic No.	: 107798 / 37195

Test Name	Result	Unit	Ref. Range	Methodology
BIOCHEMISTRY				
CHLORIDE	99.5	mmol/L	95-105	Direct ISE
POTASSIUM	3.92	mmol/L	3.5-5.5	Direct ISE
SODIUM	139.5	mmol/L	135-146	Direct ISE
CHOLESTROL, TOTAL	193	mg/dl	No risk : < 200 Moderate risk: 200 - 239 High risk: >= 240	Colorimetric
TRIGLYCERIDES	146	mg/dl	< 150	Enzymatic Colorimetric
HDL CHOLESTEROL	40.28	mg/dl	No risk: > 55 Moderate risk: 35 - 55 High risk: <35	Enzymatic Colorimetric
LDL CHOLESTEROL	123.4 ^H	mg/dl	Optimal : < 100 Above Optimal : 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: > 190	Calculated
TOTAL CHOL/HDL RATIO	4.8 ^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



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ENDOCRINOLOGY				
TSH(THYROID STIMULATING HORMONE)	1.456	uIU/mL	0.3-4.5	CLIA



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HAEMATOLOGY				

Volumetric impedance & Spectrophotometry

RBCs	5.38	10 ⁶ ul	4.32 - 5.72
Hemoglobin	14.14	g/dL	13.5 - 17.5
Haematocrit	43.5	%	38.8 - 50
Mean cell volume	80.9 ^L	fL	81.2 - 95.1
Mean cell hemoglobin	26.3	pg/mL	27 - 34
Mean cell hemoglobin concentration	32.5	g/dl	32 - 37
RDW	16.4 ^H	g/dL	11.8 - 15.6
WBC	9.27	x 10 ³ /uL	3.5 - 10.5
MPV	8.98	fL	7.42 - 10.77

Diffrencial Count (Flow cytometry /Smear)

Neutrophil	65.40 ^H	%	50 - 65
Lymphocyte	25.48	%	25 - 40
Monocytes	3.80	%	3 - 7
Eosinophil	5.08 ^H	%	0 - 3
Basophil	0.24	%	0 - 1
Platelet	319.6	x 10 ³ /uL	150 - 450

**** End of Report *****



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