

LABORATORY INVESTIGATION REPORT

Name	: RANJANA SINGH	Referral Clinic	: PESHAWAR MEDICAL CENTER
D.O.B / Sex	: 07-Dec-1994 (27 Years) / FEMALE	Referral Doctor	: DR. SAJID
PatientID/Nationality	: 159100 / INDIA	LabID / Clinic	: 109181 / 30959
Test Name	Result	Unit	No. Ref. Range Methodology

BIOCHEMISTRY

CHLORIDE	102	mmol/L	95-105	Direct ISE
BLOOD SUGAR (FASTING)	74	mg/dl	74 - 109	Hexokinase
POTASSIUM	4.5	mmol/L	3.5-5.5	Direct ISE
SODIUM	141	mmol/L	135-146	Direct ISE
CHOLESTROL, TOTAL	167	mg/dl	No risk : < 200 Moderate risk: 200 - 239 High risk: >= 240	Colorimetric
TRIGLYCERIDES	78	mg/dl	< 150	Enzymatic Colorimetric
HDL CHOLESTEROL	39.24 ^L	mg/dl	No risk: > 65 Moderate risk: 45 - 65 High risk: <45	Enzymatic Colorimetric
LDL CHOLESTEROL	112.1 ^H	mg/dl	Optimal : < 100 Above Optimal : 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: > 190	Calculated
TOTAL CHOL/HDL RATIO	4.3	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 : 12/Jul/22 07:54 AM
Reported On : 12/Jul/22 09:13 AM
Authorized On : 12/Jul/22 09:13 AM
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SHEEBA BALAKRISHNAN
Laboratory Technologist
DHA-P-0219101

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HAEMATOLOGY

Volumetric impedance & Spectrophotometry

RBCs	4.58	10 ⁶ ul	3.90 - 5.03
Hemoglobin	12.74	g/dL	12 - 15.5
Haematocrit	39.9	%	38.8 - 50
Mean cell volume	87.1	fL	81.6 - 98.3
Mean cell hemoglobin	27.8	pg/mL	27 - 34
Mean cell hemoglobin concentration	31.9 ^L	g/dl	32 - 36
RDW	15.9 ^H	g/dL	11.9 - 15.5
WBC	7.13	x 10 ³ /uL	3.5 - 10.5
MPV	11.34 ^H	fL	7.42 - 10.77

Differential Count (Flow cytometry /Smear)

Neutrophil	60.40	%	50 - 65
Lymphocyte	28.25	%	25 - 40
Monocytes	7.93 ^H	%	3 - 7
Eosinophil	3.12 ^H	%	0 - 3
Basophil	0.30	%	0 - 1
Platelet	191.2	x 10 ³ /uL	150 - 450

**** End of Report ****



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