

# Medical Lab - Synthetic Blood Report

Report ID:	BR100791	Patient Name:	Meera Malhotra
Sex:	M	Age:	12
Report Date:	2025-04-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.8	13.5 - 17.5
RBC (10^6/μL)	5.74	4.3 - 5.9
WBC (10^3/μL)	13	4.5 - 11.0
Platelets (10^3/μL)	220	150 - 400
Hematocrit (%)	48.42	41 - 53
MCV (fL)	97.24	80 - 100
MCH (pg)	29.69	27 - 32
MCHC (g/dL)	33.5	32 - 36
Neutrophils (%)	60.41	40 - 70
Lymphocytes (%)	22.43	20 - 40
Fasting Glucose (mg/dL)	78.28	70 - 99
Urea (mg/dL)	10.26	7 - 20
Creatinine (mg/dL)	0.82	0.74 - 1.35
Sodium (mmol/L)	137.03	135 - 145
Potassium (mmol/L)	3.21	3.5 - 5.1
ALT (U/L)	23.21	7 - 56
AST (U/L)	35.27	10 - 40

Note: This is a synthetic dataset generated for research/educational use. Reference ranges are typical clinical ranges and may vary by laboratory.