

Medical Lab - Synthetic Blood Report

Report ID:	BR100308	Patient Name:	Rohit Malhotra
Sex:	F	Age:	14
Report Date:	2025-06-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.0	12.0 - 16.0
RBC (10^6/µL)	3.99	3.5 - 5.5
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	196	150 - 400
Hematocrit (%)	42.67	36 - 46
MCV (fL)	83.18	80 - 100
MCH (pg)	19.4	27 - 32
MCHC (g/dL)	27.2	32 - 36
Neutrophils (%)	43.29	40 - 70
Lymphocytes (%)	23.7	20 - 40
Fasting Glucose (mg/dL)	94.37	70 - 99
Urea (mg/dL)	14.32	7 - 20
Creatinine (mg/dL)	0.75	0.59 - 1.04
Sodium (mmol/L)	140.79	135 - 145
Potassium (mmol/L)	3.88	3.5 - 5.1
ALT (U/L)	44.52	7 - 56
AST (U/L)	13.74	10 - 40

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