

# Medical Lab - Synthetic Blood Report

Report ID:	BR100520	Patient Name:	Rahul Joshi
Sex:	M	Age:	10
Report Date:	2025-07-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.56	13.5 - 17.5
RBC (10^6/μL)	5.36	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	114	150 - 400
Hematocrit (%)	49.06	41 - 53
MCV (fL)	98.14	80 - 100
MCH (pg)	41.07	27 - 32
MCHC (g/dL)	32.25	32 - 36
Neutrophils (%)	48.15	40 - 70
Lymphocytes (%)	21.88	20 - 40
Fasting Glucose (mg/dL)	81.16	70 - 99
Urea (mg/dL)	9.86	7 - 20
Creatinine (mg/dL)	1.45	0.74 - 1.35
Sodium (mmol/L)	137.0	135 - 145
Potassium (mmol/L)	3.52	3.5 - 5.1
ALT (U/L)	52.85	7 - 56
AST (U/L)	21.62	10 - 40

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