

Medical Lab - Synthetic Blood Report

Report ID:	BR100546	Patient Name:	Rahul Thomas
Sex:	M	Age:	14
Report Date:	2025-08-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.74	13.5 - 17.5
RBC (10^6/μL)	5.56	4.3 - 5.9
WBC (10^3/μL)	6	4.5 - 11.0
Platelets (10^3/μL)	282	150 - 400
Hematocrit (%)	47.24	41 - 53
MCV (fL)	89.95	80 - 100
MCH (pg)	27.67	27 - 32
MCHC (g/dL)	36.42	32 - 36
Neutrophils (%)	52.22	40 - 70
Lymphocytes (%)	24.77	20 - 40
Fasting Glucose (mg/dL)	81.82	70 - 99
Urea (mg/dL)	14.6	7 - 20
Creatinine (mg/dL)	0.77	0.74 - 1.35
Sodium (mmol/L)	142.44	135 - 145
Potassium (mmol/L)	4.37	3.5 - 5.1
ALT (U/L)	54.7	7 - 56
AST (U/L)	27.72	10 - 40

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