

Medical Lab - Synthetic Blood Report

Report ID:	BR100074	Patient Name:	Rohit Thomas
Sex:	M	Age:	15
Report Date:	2025-02-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.85	13.5 - 17.5
RBC (10^6/μL)	5.6	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	280	150 - 400
Hematocrit (%)	47.23	41 - 53
MCV (fL)	87.06	80 - 100
MCH (pg)	30.49	27 - 32
MCHC (g/dL)	35.71	32 - 36
Neutrophils (%)	51.92	40 - 70
Lymphocytes (%)	25.35	20 - 40
Fasting Glucose (mg/dL)	71.34	70 - 99
Urea (mg/dL)	18.9	7 - 20
Creatinine (mg/dL)	1.07	0.74 - 1.35
Sodium (mmol/L)	144.75	135 - 145
Potassium (mmol/L)	3.92	3.5 - 5.1
ALT (U/L)	41.47	7 - 56
AST (U/L)	33.1	10 - 40

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