

Medical Lab - Synthetic Blood Report

Report ID:	BR100306	Patient Name:	Rohit Thomas
Sex:	M	Age:	26
Report Date:	2025-08-01	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.82	13.5 - 17.5
RBC (10^6/μL)	7.34	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	235	150 - 400
Hematocrit (%)	44.95	41 - 53
MCV (fL)	94.43	80 - 100
MCH (pg)	30.69	27 - 32
MCHC (g/dL)	34.59	32 - 36
Neutrophils (%)	44.56	40 - 70
Lymphocytes (%)	36.72	20 - 40
Fasting Glucose (mg/dL)	83.42	70 - 99
Urea (mg/dL)	14.57	7 - 20
Creatinine (mg/dL)	1.28	0.74 - 1.35
Sodium (mmol/L)	139.57	135 - 145
Potassium (mmol/L)	3.95	3.5 - 5.1
ALT (U/L)	31.27	7 - 56
AST (U/L)	15.6	10 - 40

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