

Medical Lab - Synthetic Blood Report

Report ID:	BR100856	Patient Name:	Rahul Thomas
Sex:	M	Age:	50
Report Date:	2025-04-04	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.29	13.5 - 17.5
RBC (10^6/μL)	4.31	4.3 - 5.9
WBC (10^3/μL)	14	4.5 - 11.0
Platelets (10^3/μL)	199	150 - 400
Hematocrit (%)	51.17	41 - 53
MCV (fL)	87.51	80 - 100
MCH (pg)	29.91	27 - 32
MCHC (g/dL)	33.91	32 - 36
Neutrophils (%)	41.89	40 - 70
Lymphocytes (%)	32.19	20 - 40
Fasting Glucose (mg/dL)	50.57	70 - 99
Urea (mg/dL)	9.04	7 - 20
Creatinine (mg/dL)	1.08	0.74 - 1.35
Sodium (mmol/L)	141.77	135 - 145
Potassium (mmol/L)	4.25	3.5 - 5.1
ALT (U/L)	5.58	7 - 56
AST (U/L)	34.2	10 - 40

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