

# Medical Lab - Synthetic Blood Report

Report ID:	BR100367	Patient Name:	Aman Thomas
Sex:	M	Age:	38
Report Date:	2025-07-15	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.95	13.5 - 17.5
RBC (10^6/µL)	3.28	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	318	150 - 400
Hematocrit (%)	44.21	41 - 53
MCV (fL)	90.51	80 - 100
MCH (pg)	27.59	27 - 32
MCHC (g/dL)	38.22	32 - 36
Neutrophils (%)	77.26	40 - 70
Lymphocytes (%)	16.38	20 - 40
Fasting Glucose (mg/dL)	88.37	70 - 99
Urea (mg/dL)	18.47	7 - 20
Creatinine (mg/dL)	0.53	0.74 - 1.35
Sodium (mmol/L)	136.33	135 - 145
Potassium (mmol/L)	5.96	3.5 - 5.1
ALT (U/L)	31.21	7 - 56
AST (U/L)	29.64	10 - 40

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