

# Medical Lab - Synthetic Blood Report

Report ID:	BR100833	Patient Name:	Aman Reddy
Sex:	M	Age:	64
Report Date:	2025-08-14	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.52	13.5 - 17.5
RBC (10^6/μL)	5.62	4.3 - 5.9
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	148	150 - 400
Hematocrit (%)	51.0	41 - 53
MCV (fL)	73.46	80 - 100
MCH (pg)	27.79	27 - 32
MCHC (g/dL)	32.11	32 - 36
Neutrophils (%)	31.82	40 - 70
Lymphocytes (%)	24.82	20 - 40
Fasting Glucose (mg/dL)	82.61	70 - 99
Urea (mg/dL)	17.91	7 - 20
Creatinine (mg/dL)	0.89	0.74 - 1.35
Sodium (mmol/L)	140.0	135 - 145
Potassium (mmol/L)	3.93	3.5 - 5.1
ALT (U/L)	16.7	7 - 56
AST (U/L)	29.25	10 - 40

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