

# Medical Lab - Synthetic Blood Report

Report ID:	BR100592	Patient Name:	Aman Desai
Sex:	M	Age:	80
Report Date:	2024-11-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	21.06	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	4.17	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	8	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	337	150 - 400
Hematocrit (%)	45.86	41 - 53
MCV (fL)	98.85	80 - 100
MCH (pg)	27.53	27 - 32
MCHC (g/dL)	34.92	32 - 36
Neutrophils (%)	47.77	40 - 70
Lymphocytes (%)	29.2	20 - 40
Fasting Glucose (mg/dL)	79.22	70 - 99
Urea (mg/dL)	20.44	7 - 20
Creatinine (mg/dL)	0.98	0.74 - 1.35
Sodium (mmol/L)	143.6	135 - 145
Potassium (mmol/L)	4.4	3.5 - 5.1
ALT (U/L)	55.52	7 - 56
AST (U/L)	40.54	10 - 40

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