

# Medical Lab - Synthetic Blood Report

Report ID:	BR100848	Patient Name:	Aman Patel
Sex:	F	Age:	71
Report Date:	2025-01-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	8.89	12.0 - 16.0
RBC (10^6/ $\mu$ L)	3.8	3.5 - 5.5
WBC (10^3/ $\mu$ L)	14	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	348	150 - 400
Hematocrit (%)	42.79	36 - 46
MCV (fL)	96.23	80 - 100
MCH (pg)	30.22	27 - 32
MCHC (g/dL)	35.42	32 - 36
Neutrophils (%)	56.32	40 - 70
Lymphocytes (%)	24.81	20 - 40
Fasting Glucose (mg/dL)	112.25	70 - 99
Urea (mg/dL)	19.7	7 - 20
Creatinine (mg/dL)	0.78	0.59 - 1.04
Sodium (mmol/L)	137.11	135 - 145
Potassium (mmol/L)	3.05	3.5 - 5.1
ALT (U/L)	28.33	7 - 56
AST (U/L)	25.37	10 - 40

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