

# Medical Lab - Synthetic Blood Report

Report ID:	BR100531	Patient Name:	Arjun Kumar
Sex:	F	Age:	80
Report Date:	2025-08-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.1	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	5.4	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	8	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	203	150 - 400
Hematocrit (%)	37.76	36 - 46
MCV (fL)	85.64	80 - 100
MCH (pg)	31.04	27 - 32
MCHC (g/dL)	33.86	32 - 36
Neutrophils (%)	36.68	40 - 70
Lymphocytes (%)	18.97	20 - 40
Fasting Glucose (mg/dL)	85.54	70 - 99
Urea (mg/dL)	17.32	7 - 20
Creatinine (mg/dL)	0.74	0.59 - 1.04
Sodium (mmol/L)	168.17	135 - 145
Potassium (mmol/L)	4.07	3.5 - 5.1
ALT (U/L)	67.3	7 - 56
AST (U/L)	19.03	10 - 40

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