

# Medical Lab - Synthetic Blood Report

Report ID:	BR100617	Patient Name:	Arjun Chaudhary
Sex:	M	Age:	64
Report Date:	2025-02-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.77	13.5 - 17.5
RBC (10^6/ $\mu$ L)	5.59	4.3 - 5.9
WBC (10^3/ $\mu$ L)	8	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	232	150 - 400
Hematocrit (%)	44.52	41 - 53
MCV (fL)	92.18	80 - 100
MCH (pg)	31.54	27 - 32
MCHC (g/dL)	33.27	32 - 36
Neutrophils (%)	50.51	40 - 70
Lymphocytes (%)	37.51	20 - 40
Fasting Glucose (mg/dL)	92.57	70 - 99
Urea (mg/dL)	19.0	7 - 20
Creatinine (mg/dL)	0.79	0.74 - 1.35
Sodium (mmol/L)	137.47	135 - 145
Potassium (mmol/L)	3.97	3.5 - 5.1
ALT (U/L)	40.72	7 - 56
AST (U/L)	11.39	10 - 40

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