

Medical Lab - Synthetic Blood Report

Report ID:	BR100142	Patient Name:	Arjun Joshi
Sex:	M	Age:	59
Report Date:	2025-07-15	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.87	13.5 - 17.5
RBC (10 ⁶ /μL)	4.91	4.3 - 5.9
WBC (10 ³ /μL)	7	4.5 - 11.0
Platelets (10 ³ /μL)	242	150 - 400
Hematocrit (%)	52.25	41 - 53
MCV (fL)	92.23	80 - 100
MCH (pg)	31.55	27 - 32
MCHC (g/dL)	35.59	32 - 36
Neutrophils (%)	40.69	40 - 70
Lymphocytes (%)	36.38	20 - 40
Fasting Glucose (mg/dL)	71.58	70 - 99
Urea (mg/dL)	8.96	7 - 20
Creatinine (mg/dL)	0.86	0.74 - 1.35
Sodium (mmol/L)	136.57	135 - 145
Potassium (mmol/L)	4.14	3.5 - 5.1
ALT (U/L)	47.01	7 - 56
AST (U/L)	24.56	10 - 40

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