

Medical Lab - Synthetic Blood Report

Report ID:	BR100947	Patient Name:	Arjun Reddy
Sex:	M	Age:	29
Report Date:	2025-10-04	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.72	13.5 - 17.5
RBC (10 ⁶ /μL)	5.24	4.3 - 5.9
WBC (10 ³ /μL)	4	4.5 - 11.0
Platelets (10 ³ /μL)	190	150 - 400
Hematocrit (%)	52.14	41 - 53
MCV (fL)	92.94	80 - 100
MCH (pg)	31.56	27 - 32
MCHC (g/dL)	34.89	32 - 36
Neutrophils (%)	50.91	40 - 70
Lymphocytes (%)	20.41	20 - 40
Fasting Glucose (mg/dL)	85.78	70 - 99
Urea (mg/dL)	18.92	7 - 20
Creatinine (mg/dL)	0.57	0.74 - 1.35
Sodium (mmol/L)	141.01	135 - 145
Potassium (mmol/L)	4.4	3.5 - 5.1
ALT (U/L)	29.11	7 - 56
AST (U/L)	34.06	10 - 40

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