

# Medical Lab - Synthetic Blood Report

Report ID:	BR100875	Patient Name:	Arjun Kapoor
Sex:	M	Age:	51
Report Date:	2024-11-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.14	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	4.63	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	5	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	301	150 - 400
Hematocrit (%)	52.62	41 - 53
MCV (fL)	81.88	80 - 100
MCH (pg)	28.42	27 - 32
MCHC (g/dL)	34.59	32 - 36
Neutrophils (%)	49.53	40 - 70
Lymphocytes (%)	36.97	20 - 40
Fasting Glucose (mg/dL)	85.99	70 - 99
Urea (mg/dL)	15.22	7 - 20
Creatinine (mg/dL)	1.61	0.74 - 1.35
Sodium (mmol/L)	135.6	135 - 145
Potassium (mmol/L)	5.35	3.5 - 5.1
ALT (U/L)	18.64	7 - 56
AST (U/L)	18.96	10 - 40

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