

# Medical Lab - Synthetic Blood Report

Report ID:	BR100928	Patient Name:	Arjun Kumar
Sex:	F	Age:	21
Report Date:	2025-01-08	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.13	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.56	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	10	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	389	150 - 400
Hematocrit (%)	40.93	36 - 46
MCV (fL)	83.57	80 - 100
MCH (pg)	31.13	27 - 32
MCHC (g/dL)	38.37	32 - 36
Neutrophils (%)	69.84	40 - 70
Lymphocytes (%)	28.32	20 - 40
Fasting Glucose (mg/dL)	60.35	70 - 99
Urea (mg/dL)	15.72	7 - 20
Creatinine (mg/dL)	0.7	0.59 - 1.04
Sodium (mmol/L)	137.33	135 - 145
Potassium (mmol/L)	4.8	3.5 - 5.1
ALT (U/L)	38.09	7 - 56
AST (U/L)	26.77	10 - 40

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