

# Medical Lab - Synthetic Blood Report

Report ID:	BR100654	Patient Name:	Arjun Kumar
Sex:	F	Age:	19
Report Date:	2024-12-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.58	12.0 - 16.0
RBC (10^6/µL)	4.97	3.5 - 5.5
WBC (10^3/µL)	11	4.5 - 11.0
Platelets (10^3/µL)	256	150 - 400
Hematocrit (%)	42.73	36 - 46
MCV (fL)	86.65	80 - 100
MCH (pg)	28.62	27 - 32
MCHC (g/dL)	33.09	32 - 36
Neutrophils (%)	47.62	40 - 70
Lymphocytes (%)	26.21	20 - 40
Fasting Glucose (mg/dL)	85.09	70 - 99
Urea (mg/dL)	7.45	7 - 20
Creatinine (mg/dL)	1.2	0.59 - 1.04
Sodium (mmol/L)	137.3	135 - 145
Potassium (mmol/L)	3.57	3.5 - 5.1
ALT (U/L)	21.21	7 - 56
AST (U/L)	47.47	10 - 40

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