

# Medical Lab - Synthetic Blood Report

Report ID:	BR100600	Patient Name:	Riya Sharma
Sex:	M	Age:	15
Report Date:	2024-12-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.62	13.5 - 17.5
RBC (10^6/µL)	5.89	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	160	150 - 400
Hematocrit (%)	51.15	41 - 53
MCV (fL)	74.52	80 - 100
MCH (pg)	28.87	27 - 32
MCHC (g/dL)	28.59	32 - 36
Neutrophils (%)	61.72	40 - 70
Lymphocytes (%)	25.43	20 - 40
Fasting Glucose (mg/dL)	75.19	70 - 99
Urea (mg/dL)	17.61	7 - 20
Creatinine (mg/dL)	0.97	0.74 - 1.35
Sodium (mmol/L)	136.99	135 - 145
Potassium (mmol/L)	3.97	3.5 - 5.1
ALT (U/L)	11.28	7 - 56
AST (U/L)	48.17	10 - 40

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