

# Medical Lab - Synthetic Blood Report

Report ID:	BR100064	Patient Name:	Riya Kumar
Sex:	M	Age:	17
Report Date:	2024-10-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.47	13.5 - 17.5
RBC (10^6/µL)	5.72	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	241	150 - 400
Hematocrit (%)	48.66	41 - 53
MCV (fL)	84.95	80 - 100
MCH (pg)	28.91	27 - 32
MCHC (g/dL)	33.07	32 - 36
Neutrophils (%)	51.35	40 - 70
Lymphocytes (%)	30.71	20 - 40
Fasting Glucose (mg/dL)	90.99	70 - 99
Urea (mg/dL)	7.88	7 - 20
Creatinine (mg/dL)	0.75	0.74 - 1.35
Sodium (mmol/L)	138.37	135 - 145
Potassium (mmol/L)	3.41	3.5 - 5.1
ALT (U/L)	7.27	7 - 56
AST (U/L)	18.28	10 - 40

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