

# Medical Lab - Synthetic Blood Report

Report ID:	BR100238	Patient Name:	Riya Joshi
Sex:	F	Age:	50
Report Date:	2024-10-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	8.81	12.0 - 16.0
RBC (10^6/µL)	4.59	3.5 - 5.5
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	228	150 - 400
Hematocrit (%)	58.77	36 - 46
MCV (fL)	96.3	80 - 100
MCH (pg)	29.52	27 - 32
MCHC (g/dL)	31.39	32 - 36
Neutrophils (%)	61.36	40 - 70
Lymphocytes (%)	30.61	20 - 40
Fasting Glucose (mg/dL)	86.74	70 - 99
Urea (mg/dL)	9.99	7 - 20
Creatinine (mg/dL)	0.84	0.59 - 1.04
Sodium (mmol/L)	140.02	135 - 145
Potassium (mmol/L)	4.69	3.5 - 5.1
ALT (U/L)	19.54	7 - 56
AST (U/L)	7.29	10 - 40

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