

# Medical Lab - Synthetic Blood Report

Report ID:	BR100987	Patient Name:	Kavya Joshi
Sex:	M	Age:	52
Report Date:	2025-06-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.35	13.5 - 17.5
RBC (10^6/μL)	3.14	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	109	150 - 400
Hematocrit (%)	44.81	41 - 53
MCV (fL)	82.2	80 - 100
MCH (pg)	28.08	27 - 32
MCHC (g/dL)	35.34	32 - 36
Neutrophils (%)	86.99	40 - 70
Lymphocytes (%)	35.57	20 - 40
Fasting Glucose (mg/dL)	83.48	70 - 99
Urea (mg/dL)	17.06	7 - 20
Creatinine (mg/dL)	1.09	0.74 - 1.35
Sodium (mmol/L)	135.4	135 - 145
Potassium (mmol/L)	6.36	3.5 - 5.1
ALT (U/L)	21.97	7 - 56
AST (U/L)	25.7	10 - 40

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