

# Medical Lab - Synthetic Blood Report

Report ID:	BR100340	Patient Name:	Sneha Kumar
Sex:	M	Age:	29
Report Date:	2025-05-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.25	13.5 - 17.5
RBC (10 <sup>6</sup> /μL)	5.64	4.3 - 5.9
WBC (10 <sup>3</sup> /μL)	9	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	227	150 - 400
Hematocrit (%)	55.81	41 - 53
MCV (fL)	94.26	80 - 100
MCH (pg)	29.75	27 - 32
MCHC (g/dL)	33.98	32 - 36
Neutrophils (%)	46.22	40 - 70
Lymphocytes (%)	33.11	20 - 40
Fasting Glucose (mg/dL)	80.92	70 - 99
Urea (mg/dL)	16.75	7 - 20
Creatinine (mg/dL)	0.71	0.74 - 1.35
Sodium (mmol/L)	143.66	135 - 145
Potassium (mmol/L)	3.81	3.5 - 5.1
ALT (U/L)	10.34	7 - 56
AST (U/L)	29.84	10 - 40

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