

# Medical Lab - Synthetic Blood Report

Report ID:	BR100343	Patient Name:	Amit Kumar
Sex:	M	Age:	56
Report Date:	2025-08-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	20.64	13.5 - 17.5
RBC (10^6/µL)	7.4	4.3 - 5.9
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	238	150 - 400
Hematocrit (%)	42.84	41 - 53
MCV (fL)	95.02	80 - 100
MCH (pg)	28.89	27 - 32
MCHC (g/dL)	35.65	32 - 36
Neutrophils (%)	53.81	40 - 70
Lymphocytes (%)	30.75	20 - 40
Fasting Glucose (mg/dL)	66.57	70 - 99
Urea (mg/dL)	23.52	7 - 20
Creatinine (mg/dL)	0.8	0.74 - 1.35
Sodium (mmol/L)	143.73	135 - 145
Potassium (mmol/L)	3.6	3.5 - 5.1
ALT (U/L)	53.46	7 - 56
AST (U/L)	39.95	10 - 40

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