

Medical Lab - Synthetic Blood Report

Report ID:	BR100247	Patient Name:	Amit Mehta
Sex:	M	Age:	78
Report Date:	2025-08-28	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.08	13.5 - 17.5
RBC (10 ⁶ /μL)	4.64	4.3 - 5.9
WBC (10 ³ /μL)	5	4.5 - 11.0
Platelets (10 ³ /μL)	238	150 - 400
Hematocrit (%)	45.75	41 - 53
MCV (fL)	88.37	80 - 100
MCH (pg)	29.77	27 - 32
MCHC (g/dL)	32.26	32 - 36
Neutrophils (%)	69.37	40 - 70
Lymphocytes (%)	43.7	20 - 40
Fasting Glucose (mg/dL)	74.0	70 - 99
Urea (mg/dL)	16.86	7 - 20
Creatinine (mg/dL)	1.24	0.74 - 1.35
Sodium (mmol/L)	137.83	135 - 145
Potassium (mmol/L)	4.67	3.5 - 5.1
ALT (U/L)	11.98	7 - 56
AST (U/L)	18.55	10 - 40

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