

Medical Lab - Synthetic Blood Report

Report ID:	BR100354	Patient Name:	Amit Patel
Sex:	M	Age:	61
Report Date:	2025-09-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.4	13.5 - 17.5
RBC (10 ⁶ /μL)	4.53	4.3 - 5.9
WBC (10 ³ /μL)	8	4.5 - 11.0
Platelets (10 ³ /μL)	166	150 - 400
Hematocrit (%)	51.42	41 - 53
MCV (fL)	93.73	80 - 100
MCH (pg)	30.56	27 - 32
MCHC (g/dL)	32.66	32 - 36
Neutrophils (%)	56.5	40 - 70
Lymphocytes (%)	21.79	20 - 40
Fasting Glucose (mg/dL)	75.9	70 - 99
Urea (mg/dL)	17.74	7 - 20
Creatinine (mg/dL)	0.52	0.74 - 1.35
Sodium (mmol/L)	135.89	135 - 145
Potassium (mmol/L)	3.85	3.5 - 5.1
ALT (U/L)	37.14	7 - 56
AST (U/L)	49.04	10 - 40

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