

# Medical Lab - Synthetic Blood Report

Report ID:	BR100512	Patient Name:	Amit Iyer
Sex:	F	Age:	57
Report Date:	2025-06-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.9	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	4.42	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	4	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	242	150 - 400
Hematocrit (%)	44.18	36 - 46
MCV (fL)	83.18	80 - 100
MCH (pg)	29.0	27 - 32
MCHC (g/dL)	33.19	32 - 36
Neutrophils (%)	64.75	40 - 70
Lymphocytes (%)	24.75	20 - 40
Fasting Glucose (mg/dL)	82.84	70 - 99
Urea (mg/dL)	10.35	7 - 20
Creatinine (mg/dL)	1.01	0.59 - 1.04
Sodium (mmol/L)	141.01	135 - 145
Potassium (mmol/L)	3.6	3.5 - 5.1
ALT (U/L)	7.11	7 - 56
AST (U/L)	13.67	10 - 40

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