

# Medical Lab - Synthetic Blood Report

Report ID:	BR100256	Patient Name:	Sameer Desai
Sex:	F	Age:	71
Report Date:	2025-04-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	8.76	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	5.45	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	4	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	289	150 - 400
Hematocrit (%)	42.83	36 - 46
MCV (fL)	82.16	80 - 100
MCH (pg)	29.11	27 - 32
MCHC (g/dL)	33.63	32 - 36
Neutrophils (%)	61.26	40 - 70
Lymphocytes (%)	44.12	20 - 40
Fasting Glucose (mg/dL)	82.75	70 - 99
Urea (mg/dL)	17.79	7 - 20
Creatinine (mg/dL)	0.73	0.59 - 1.04
Sodium (mmol/L)	138.73	135 - 145
Potassium (mmol/L)	4.77	3.5 - 5.1
ALT (U/L)	27.86	7 - 56
AST (U/L)	34.96	10 - 40

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