

# Medical Lab - Synthetic Blood Report

Report ID:	BR100049	Patient Name:	Priya Desai
Sex:	F	Age:	50
Report Date:	2025-08-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.58	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	2.68	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	7	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	165	150 - 400
Hematocrit (%)	36.05	36 - 46
MCV (fL)	116.72	80 - 100
MCH (pg)	27.13	27 - 32
MCHC (g/dL)	32.39	32 - 36
Neutrophils (%)	52.21	40 - 70
Lymphocytes (%)	21.95	20 - 40
Fasting Glucose (mg/dL)	71.21	70 - 99
Urea (mg/dL)	15.0	7 - 20
Creatinine (mg/dL)	0.66	0.59 - 1.04
Sodium (mmol/L)	138.55	135 - 145
Potassium (mmol/L)	2.83	3.5 - 5.1
ALT (U/L)	9.96	7 - 56
AST (U/L)	36.67	10 - 40

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