

# Medical Lab - Synthetic Blood Report

Report ID:	BR100298	Patient Name:	Kavya Malhotra
Sex:	F	Age:	72
Report Date:	2025-04-11	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.27	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	4.45	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	5	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	377	150 - 400
Hematocrit (%)	50.77	36 - 46
MCV (fL)	91.96	80 - 100
MCH (pg)	30.07	27 - 32
MCHC (g/dL)	34.38	32 - 36
Neutrophils (%)	45.2	40 - 70
Lymphocytes (%)	28.59	20 - 40
Fasting Glucose (mg/dL)	63.53	70 - 99
Urea (mg/dL)	16.19	7 - 20
Creatinine (mg/dL)	0.73	0.59 - 1.04
Sodium (mmol/L)	139.36	135 - 145
Potassium (mmol/L)	3.9	3.5 - 5.1
ALT (U/L)	9.68	7 - 56
AST (U/L)	41.47	10 - 40

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