

# Medical Lab - Synthetic Blood Report

Report ID:	BR100782	Patient Name:	Anita Khan
Sex:	F	Age:	87
Report Date:	2024-10-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.22	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	5.3	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	7	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	319	150 - 400
Hematocrit (%)	47.24	36 - 46
MCV (fL)	83.96	80 - 100
MCH (pg)	41.16	27 - 32
MCHC (g/dL)	33.53	32 - 36
Neutrophils (%)	80.47	40 - 70
Lymphocytes (%)	39.79	20 - 40
Fasting Glucose (mg/dL)	87.66	70 - 99
Urea (mg/dL)	12.21	7 - 20
Creatinine (mg/dL)	1.03	0.59 - 1.04
Sodium (mmol/L)	137.62	135 - 145
Potassium (mmol/L)	5.89	3.5 - 5.1
ALT (U/L)	42.16	7 - 56
AST (U/L)	27.14	10 - 40

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