

# Medical Lab - Synthetic Blood Report

Report ID:	BR100113	Patient Name:	Sneha Chaudhary
Sex:	F	Age:	49
Report Date:	2024-11-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.32	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	5.18	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	5	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	309	150 - 400
Hematocrit (%)	44.31	36 - 46
MCV (fL)	99.49	80 - 100
MCH (pg)	30.86	27 - 32
MCHC (g/dL)	34.81	32 - 36
Neutrophils (%)	56.7	40 - 70
Lymphocytes (%)	21.3	20 - 40
Fasting Glucose (mg/dL)	97.29	70 - 99
Urea (mg/dL)	9.57	7 - 20
Creatinine (mg/dL)	0.65	0.59 - 1.04
Sodium (mmol/L)	138.81	135 - 145
Potassium (mmol/L)	4.94	3.5 - 5.1
ALT (U/L)	72.63	7 - 56
AST (U/L)	33.88	10 - 40

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