

Medical Lab - Synthetic Blood Report

Report ID:	BR100227	Patient Name:	Sneha Patel
Sex:	F	Age:	55
Report Date:	2025-02-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.35	12.0 - 16.0
RBC (10^6/ μ L)	3.66	3.5 - 5.5
WBC (10^3/ μ L)	5	4.5 - 11.0
Platelets (10^3/ μ L)	297	150 - 400
Hematocrit (%)	39.35	36 - 46
MCV (fL)	81.43	80 - 100
MCH (pg)	29.57	27 - 32
MCHC (g/dL)	35.58	32 - 36
Neutrophils (%)	50.64	40 - 70
Lymphocytes (%)	20.37	20 - 40
Fasting Glucose (mg/dL)	49.95	70 - 99
Urea (mg/dL)	15.7	7 - 20
Creatinine (mg/dL)	0.7	0.59 - 1.04
Sodium (mmol/L)	139.57	135 - 145
Potassium (mmol/L)	4.23	3.5 - 5.1
ALT (U/L)	12.83	7 - 56
AST (U/L)	15.62	10 - 40

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