

Medical Lab - Synthetic Blood Report

Report ID:	BR100652	Patient Name:	Sameer Patel
Sex:	F	Age:	54
Report Date:	2025-08-06	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	10.37	12.0 - 16.0
RBC (10^6/μL)	5.13	3.5 - 5.5
WBC (10^3/μL)	10	4.5 - 11.0
Platelets (10^3/μL)	249	150 - 400
Hematocrit (%)	36.49	36 - 46
MCV (fL)	93.35	80 - 100
MCH (pg)	29.72	27 - 32
MCHC (g/dL)	31.7	32 - 36
Neutrophils (%)	42.05	40 - 70
Lymphocytes (%)	37.8	20 - 40
Fasting Glucose (mg/dL)	90.13	70 - 99
Urea (mg/dL)	12.36	7 - 20
Creatinine (mg/dL)	1.19	0.59 - 1.04
Sodium (mmol/L)	135.91	135 - 145
Potassium (mmol/L)	3.72	3.5 - 5.1
ALT (U/L)	35.44	7 - 56
AST (U/L)	39.77	10 - 40

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