

Medical Lab - Synthetic Blood Report

Report ID:	BR100161	Patient Name:	Sameer Joshi
Sex:	F	Age:	51
Report Date:	2024-10-24	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.63	12.0 - 16.0
RBC (10^6/μL)	4.72	3.5 - 5.5
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	340	150 - 400
Hematocrit (%)	28.1	36 - 46
MCV (fL)	82.43	80 - 100
MCH (pg)	30.17	27 - 32
MCHC (g/dL)	34.87	32 - 36
Neutrophils (%)	45.89	40 - 70
Lymphocytes (%)	22.48	20 - 40
Fasting Glucose (mg/dL)	72.73	70 - 99
Urea (mg/dL)	18.18	7 - 20
Creatinine (mg/dL)	0.86	0.59 - 1.04
Sodium (mmol/L)	138.8	135 - 145
Potassium (mmol/L)	4.39	3.5 - 5.1
ALT (U/L)	19.7	7 - 56
AST (U/L)	42.5	10 - 40

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