

Medical Lab - Synthetic Blood Report

Report ID:	BR100544	Patient Name:	Rahul Joshi
Sex:	M	Age:	61
Report Date:	2024-11-17	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.56	13.5 - 17.5
RBC (10^6/µL)	6.81	4.3 - 5.9
WBC (10^3/µL)	14	4.5 - 11.0
Platelets (10^3/µL)	372	150 - 400
Hematocrit (%)	50.9	41 - 53
MCV (fL)	58.5	80 - 100
MCH (pg)	28.19	27 - 32
MCHC (g/dL)	39.92	32 - 36
Neutrophils (%)	51.13	40 - 70
Lymphocytes (%)	38.43	20 - 40
Fasting Glucose (mg/dL)	77.08	70 - 99
Urea (mg/dL)	8.5	7 - 20
Creatinine (mg/dL)	1.31	0.74 - 1.35
Sodium (mmol/L)	144.67	135 - 145
Potassium (mmol/L)	3.99	3.5 - 5.1
ALT (U/L)	51.98	7 - 56
AST (U/L)	24.85	10 - 40

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