

Medical Lab - Synthetic Blood Report

Report ID:	BR100588	Patient Name:	Riya Patel
Sex:	M	Age:	74
Report Date:	2024-12-03	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.67	13.5 - 17.5
RBC (10^6/μL)	5.71	4.3 - 5.9
WBC (10^3/μL)	3	4.5 - 11.0
Platelets (10^3/μL)	274	150 - 400
Hematocrit (%)	46.64	41 - 53
MCV (fL)	81.41	80 - 100
MCH (pg)	29.48	27 - 32
MCHC (g/dL)	35.2	32 - 36
Neutrophils (%)	34.03	40 - 70
Lymphocytes (%)	26.05	20 - 40
Fasting Glucose (mg/dL)	90.83	70 - 99
Urea (mg/dL)	14.31	7 - 20
Creatinine (mg/dL)	1.05	0.74 - 1.35
Sodium (mmol/L)	135.38	135 - 145
Potassium (mmol/L)	2.97	3.5 - 5.1
ALT (U/L)	7.93	7 - 56
AST (U/L)	29.12	10 - 40

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