

Medical Lab - Synthetic Blood Report

Report ID:	BR100564	Patient Name:	Riya Desai
Sex:	M	Age:	47
Report Date:	2025-08-18	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.28	13.5 - 17.5
RBC (10^6/μL)	5.14	4.3 - 5.9
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	171	150 - 400
Hematocrit (%)	50.44	41 - 53
MCV (fL)	64.02	80 - 100
MCH (pg)	28.26	27 - 32
MCHC (g/dL)	33.26	32 - 36
Neutrophils (%)	49.19	40 - 70
Lymphocytes (%)	20.84	20 - 40
Fasting Glucose (mg/dL)	49.06	70 - 99
Urea (mg/dL)	18.47	7 - 20
Creatinine (mg/dL)	0.89	0.74 - 1.35
Sodium (mmol/L)	140.67	135 - 145
Potassium (mmol/L)	4.25	3.5 - 5.1
ALT (U/L)	30.2	7 - 56
AST (U/L)	30.95	10 - 40

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