

Medical Lab - Synthetic Blood Report

Report ID:	BR100926	Patient Name:	Riya Nair
Sex:	M	Age:	41
Report Date:	2025-03-20	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.03	13.5 - 17.5
RBC (10^6/μL)	3.06	4.3 - 5.9
WBC (10^3/μL)	11	4.5 - 11.0
Platelets (10^3/μL)	333	150 - 400
Hematocrit (%)	37.2	41 - 53
MCV (fL)	87.58	80 - 100
MCH (pg)	24.95	27 - 32
MCHC (g/dL)	33.34	32 - 36
Neutrophils (%)	54.78	40 - 70
Lymphocytes (%)	27.82	20 - 40
Fasting Glucose (mg/dL)	79.63	70 - 99
Urea (mg/dL)	6.81	7 - 20
Creatinine (mg/dL)	0.99	0.74 - 1.35
Sodium (mmol/L)	144.8	135 - 145
Potassium (mmol/L)	4.82	3.5 - 5.1
ALT (U/L)	4.97	7 - 56
AST (U/L)	29.95	10 - 40

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