

# Medical Lab - Synthetic Blood Report

Report ID:	BR100547	Patient Name:	Riya Desai
Sex:	M	Age:	35
Report Date:	2025-01-21	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.18	13.5 - 17.5
RBC (10^6/μL)	5.42	4.3 - 5.9
WBC (10^3/μL)	9	4.5 - 11.0
Platelets (10^3/μL)	159	150 - 400
Hematocrit (%)	52.56	41 - 53
MCV (fL)	96.15	80 - 100
MCH (pg)	37.07	27 - 32
MCHC (g/dL)	35.05	32 - 36
Neutrophils (%)	62.41	40 - 70
Lymphocytes (%)	24.47	20 - 40
Fasting Glucose (mg/dL)	70.98	70 - 99
Urea (mg/dL)	12.94	7 - 20
Creatinine (mg/dL)	1.0	0.74 - 1.35
Sodium (mmol/L)	137.3	135 - 145
Potassium (mmol/L)	4.81	3.5 - 5.1
ALT (U/L)	9.45	7 - 56
AST (U/L)	11.2	10 - 40

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