

# Medical Lab - Synthetic Blood Report

Report ID:	BR100504	Patient Name:	Divya Desai
Sex:	M	Age:	46
Report Date:	2025-07-13	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.36	13.5 - 17.5
RBC (10^6/ $\mu$ L)	4.8	4.3 - 5.9
WBC (10^3/ $\mu$ L)	7	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	156	150 - 400
Hematocrit (%)	49.82	41 - 53
MCV (fL)	92.97	80 - 100
MCH (pg)	28.18	27 - 32
MCHC (g/dL)	32.97	32 - 36
Neutrophils (%)	43.47	40 - 70
Lymphocytes (%)	30.89	20 - 40
Fasting Glucose (mg/dL)	94.83	70 - 99
Urea (mg/dL)	14.85	7 - 20
Creatinine (mg/dL)	1.22	0.74 - 1.35
Sodium (mmol/L)	180.36	135 - 145
Potassium (mmol/L)	4.12	3.5 - 5.1
ALT (U/L)	24.51	7 - 56
AST (U/L)	24.59	10 - 40

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