

# Medical Lab - Synthetic Blood Report

Report ID:	BR100639	Patient Name:	Divya Reddy
Sex:	F	Age:	36
Report Date:	2025-07-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.85	12.0 - 16.0
RBC (10^6/ $\mu$ L)	3.62	3.5 - 5.5
WBC (10^3/ $\mu$ L)	6	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	280	150 - 400
Hematocrit (%)	42.45	36 - 46
MCV (fL)	98.17	80 - 100
MCH (pg)	31.91	27 - 32
MCHC (g/dL)	44.67	32 - 36
Neutrophils (%)	64.91	40 - 70
Lymphocytes (%)	26.24	20 - 40
Fasting Glucose (mg/dL)	98.25	70 - 99
Urea (mg/dL)	10.76	7 - 20
Creatinine (mg/dL)	1.0	0.59 - 1.04
Sodium (mmol/L)	140.57	135 - 145
Potassium (mmol/L)	4.52	3.5 - 5.1
ALT (U/L)	25.51	7 - 56
AST (U/L)	22.19	10 - 40

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