

# Medical Lab - Synthetic Blood Report

Report ID:	BR100575	Patient Name:	Divya Joshi
Sex:	M	Age:	38
Report Date:	2025-03-31	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.31	13.5 - 17.5
RBC (10^6/µL)	5.75	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	330	150 - 400
Hematocrit (%)	48.8	41 - 53
MCV (fL)	93.33	80 - 100
MCH (pg)	32.78	27 - 32
MCHC (g/dL)	32.91	32 - 36
Neutrophils (%)	40.42	40 - 70
Lymphocytes (%)	27.87	20 - 40
Fasting Glucose (mg/dL)	78.58	70 - 99
Urea (mg/dL)	6.82	7 - 20
Creatinine (mg/dL)	1.04	0.74 - 1.35
Sodium (mmol/L)	143.67	135 - 145
Potassium (mmol/L)	6.28	3.5 - 5.1
ALT (U/L)	5.03	7 - 56
AST (U/L)	38.18	10 - 40

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