

# Medical Lab - Synthetic Blood Report

Report ID:	BR100151	Patient Name:	Asha Nair
Sex:	M	Age:	49
Report Date:	2025-06-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	18.7	13.5 - 17.5
RBC (10^6/µL)	5.15	4.3 - 5.9
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	250	150 - 400
Hematocrit (%)	49.36	41 - 53
MCV (fL)	97.53	80 - 100
MCH (pg)	29.84	27 - 32
MCHC (g/dL)	35.41	32 - 36
Neutrophils (%)	63.64	40 - 70
Lymphocytes (%)	19.34	20 - 40
Fasting Glucose (mg/dL)	91.25	70 - 99
Urea (mg/dL)	5.17	7 - 20
Creatinine (mg/dL)	1.14	0.74 - 1.35
Sodium (mmol/L)	136.27	135 - 145
Potassium (mmol/L)	4.7	3.5 - 5.1
ALT (U/L)	33.65	7 - 56
AST (U/L)	14.85	10 - 40

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