

Medical Lab - Synthetic Blood Report

Report ID:	BR100013	Patient Name:	Asha Iyer
Sex:	M	Age:	29
Report Date:	2025-08-29	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.45	13.5 - 17.5
RBC (10^6/µL)	5.68	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	151	150 - 400
Hematocrit (%)	42.55	41 - 53
MCV (fL)	95.14	80 - 100
MCH (pg)	23.21	27 - 32
MCHC (g/dL)	35.26	32 - 36
Neutrophils (%)	57.54	40 - 70
Lymphocytes (%)	21.86	20 - 40
Fasting Glucose (mg/dL)	55.49	70 - 99
Urea (mg/dL)	7.96	7 - 20
Creatinine (mg/dL)	1.02	0.74 - 1.35
Sodium (mmol/L)	142.4	135 - 145
Potassium (mmol/L)	5.68	3.5 - 5.1
ALT (U/L)	48.92	7 - 56
AST (U/L)	35.12	10 - 40

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