

# Medical Lab - Synthetic Blood Report

Report ID:	BR100648	Patient Name:	Anita Iyer
Sex:	M	Age:	3
Report Date:	2025-08-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.57	13.5 - 17.5
RBC (10^6/µL)	4.33	4.3 - 5.9
WBC (10^3/µL)	8	4.5 - 11.0
Platelets (10^3/µL)	278	150 - 400
Hematocrit (%)	48.86	41 - 53
MCV (fL)	83.3	80 - 100
MCH (pg)	31.93	27 - 32
MCHC (g/dL)	32.25	32 - 36
Neutrophils (%)	61.06	40 - 70
Lymphocytes (%)	32.06	20 - 40
Fasting Glucose (mg/dL)	88.35	70 - 99
Urea (mg/dL)	18.38	7 - 20
Creatinine (mg/dL)	1.06	0.74 - 1.35
Sodium (mmol/L)	138.64	135 - 145
Potassium (mmol/L)	4.73	3.5 - 5.1
ALT (U/L)	35.9	7 - 56
AST (U/L)	11.97	10 - 40

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