

Medical Lab - Synthetic Blood Report

Report ID:	BR100698	Patient Name:	Pooja Nair
Sex:	M	Age:	25
Report Date:	2025-01-26	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.02	13.5 - 17.5
RBC (10 ⁶ /μL)	7.43	4.3 - 5.9
WBC (10 ³ /μL)	5	4.5 - 11.0
Platelets (10 ³ /μL)	340	150 - 400
Hematocrit (%)	46.9	41 - 53
MCV (fL)	87.99	80 - 100
MCH (pg)	31.54	27 - 32
MCHC (g/dL)	32.06	32 - 36
Neutrophils (%)	44.29	40 - 70
Lymphocytes (%)	31.44	20 - 40
Fasting Glucose (mg/dL)	90.3	70 - 99
Urea (mg/dL)	11.58	7 - 20
Creatinine (mg/dL)	0.92	0.74 - 1.35
Sodium (mmol/L)	136.52	135 - 145
Potassium (mmol/L)	3.11	3.5 - 5.1
ALT (U/L)	25.25	7 - 56
AST (U/L)	15.62	10 - 40

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