

# Medical Lab - Synthetic Blood Report

Report ID:	BR100804	Patient Name:	Karan Nair
Sex:	F	Age:	25
Report Date:	2025-06-04	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.46	12.0 - 16.0
RBC (10^6/µL)	4.59	3.5 - 5.5
WBC (10^3/µL)	7	4.5 - 11.0
Platelets (10^3/µL)	257	150 - 400
Hematocrit (%)	38.76	36 - 46
MCV (fL)	81.56	80 - 100
MCH (pg)	22.49	27 - 32
MCHC (g/dL)	35.31	32 - 36
Neutrophils (%)	68.34	40 - 70
Lymphocytes (%)	25.0	20 - 40
Fasting Glucose (mg/dL)	83.52	70 - 99
Urea (mg/dL)	11.18	7 - 20
Creatinine (mg/dL)	0.43	0.59 - 1.04
Sodium (mmol/L)	130.98	135 - 145
Potassium (mmol/L)	3.44	3.5 - 5.1
ALT (U/L)	41.89	7 - 56
AST (U/L)	19.85	10 - 40

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