

Medical Lab - Synthetic Blood Report

Report ID:	BR100552	Patient Name:	Karan Nair
Sex:	F	Age:	25
Report Date:	2024-12-09	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.97	12.0 - 16.0
RBC (10^6/µL)	3.7	3.5 - 5.5
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	379	150 - 400
Hematocrit (%)	37.56	36 - 46
MCV (fL)	118.28	80 - 100
MCH (pg)	30.89	27 - 32
MCHC (g/dL)	33.07	32 - 36
Neutrophils (%)	62.87	40 - 70
Lymphocytes (%)	25.62	20 - 40
Fasting Glucose (mg/dL)	70.12	70 - 99
Urea (mg/dL)	24.21	7 - 20
Creatinine (mg/dL)	0.96	0.59 - 1.04
Sodium (mmol/L)	137.28	135 - 145
Potassium (mmol/L)	4.18	3.5 - 5.1
ALT (U/L)	33.28	7 - 56
AST (U/L)	14.35	10 - 40

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