

# Medical Lab - Synthetic Blood Report

Report ID:	BR100845	Patient Name:	Priya Nair
Sex:	F	Age:	42
Report Date:	2024-12-18	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.39	12.0 - 16.0
RBC (10^6/μL)	5.49	3.5 - 5.5
WBC (10^3/μL)	5	4.5 - 11.0
Platelets (10^3/μL)	225	150 - 400
Hematocrit (%)	44.43	36 - 46
MCV (fL)	86.09	80 - 100
MCH (pg)	30.95	27 - 32
MCHC (g/dL)	33.28	32 - 36
Neutrophils (%)	69.95	40 - 70
Lymphocytes (%)	35.79	20 - 40
Fasting Glucose (mg/dL)	67.08	70 - 99
Urea (mg/dL)	16.13	7 - 20
Creatinine (mg/dL)	1.09	0.59 - 1.04
Sodium (mmol/L)	143.48	135 - 145
Potassium (mmol/L)	4.43	3.5 - 5.1
ALT (U/L)	10.95	7 - 56
AST (U/L)	8.36	10 - 40

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