

# Medical Lab - Synthetic Blood Report

Report ID:	BR100259	Patient Name:	Meera Iyer
Sex:	F	Age:	77
Report Date:	2025-08-15	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.96	12.0 - 16.0
RBC (10^6/ $\mu$ L)	4.81	3.5 - 5.5
WBC (10^3/ $\mu$ L)	7	4.5 - 11.0
Platelets (10^3/ $\mu$ L)	262	150 - 400
Hematocrit (%)	27.49	36 - 46
MCV (fL)	89.78	80 - 100
MCH (pg)	39.1	27 - 32
MCHC (g/dL)	32.26	32 - 36
Neutrophils (%)	42.28	40 - 70
Lymphocytes (%)	37.85	20 - 40
Fasting Glucose (mg/dL)	96.67	70 - 99
Urea (mg/dL)	11.27	7 - 20
Creatinine (mg/dL)	1.0	0.59 - 1.04
Sodium (mmol/L)	164.79	135 - 145
Potassium (mmol/L)	4.55	3.5 - 5.1
ALT (U/L)	23.48	7 - 56
AST (U/L)	15.58	10 - 40

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