

# Medical Lab - Synthetic Blood Report

Report ID:	BR100158	Patient Name:	Riya Mehta
Sex:	M	Age:	65
Report Date:	2024-11-05	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	16.9	13.5 - 17.5
RBC (10^6/µL)	5.62	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	378	150 - 400
Hematocrit (%)	41.69	41 - 53
MCV (fL)	88.14	80 - 100
MCH (pg)	30.44	27 - 32
MCHC (g/dL)	34.24	32 - 36
Neutrophils (%)	46.88	40 - 70
Lymphocytes (%)	14.28	20 - 40
Fasting Glucose (mg/dL)	61.83	70 - 99
Urea (mg/dL)	15.03	7 - 20
Creatinine (mg/dL)	1.69	0.74 - 1.35
Sodium (mmol/L)	141.03	135 - 145
Potassium (mmol/L)	4.6	3.5 - 5.1
ALT (U/L)	10.01	7 - 56
AST (U/L)	7.26	10 - 40

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