

Medical Lab - Synthetic Blood Report

Report ID:	BR100198	Patient Name:	Riya Patel
Sex:	F	Age:	44
Report Date:	2025-02-10	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.09	12.0 - 16.0
RBC (10 ⁶ /μL)	4.11	3.5 - 5.5
WBC (10 ³ /μL)	9	4.5 - 11.0
Platelets (10 ³ /μL)	315	150 - 400
Hematocrit (%)	42.01	36 - 46
MCV (fL)	98.02	80 - 100
MCH (pg)	27.74	27 - 32
MCHC (g/dL)	32.33	32 - 36
Neutrophils (%)	41.2	40 - 70
Lymphocytes (%)	35.19	20 - 40
Fasting Glucose (mg/dL)	72.53	70 - 99
Urea (mg/dL)	11.91	7 - 20
Creatinine (mg/dL)	0.78	0.59 - 1.04
Sodium (mmol/L)	142.01	135 - 145
Potassium (mmol/L)	3.91	3.5 - 5.1
ALT (U/L)	52.06	7 - 56
AST (U/L)	10.47	10 - 40

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