

# Medical Lab - Synthetic Blood Report

Report ID:	BR100774	Patient Name:	Kavya Patel
Sex:	M	Age:	45
Report Date:	2024-10-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.73	13.5 - 17.5
RBC (10^6/µL)	5.55	4.3 - 5.9
WBC (10^3/µL)	10	4.5 - 11.0
Platelets (10^3/µL)	375	150 - 400
Hematocrit (%)	43.43	41 - 53
MCV (fL)	95.03	80 - 100
MCH (pg)	30.7	27 - 32
MCHC (g/dL)	33.38	32 - 36
Neutrophils (%)	46.18	40 - 70
Lymphocytes (%)	34.56	20 - 40
Fasting Glucose (mg/dL)	72.06	70 - 99
Urea (mg/dL)	21.86	7 - 20
Creatinine (mg/dL)	1.32	0.74 - 1.35
Sodium (mmol/L)	143.54	135 - 145
Potassium (mmol/L)	4.69	3.5 - 5.1
ALT (U/L)	56.03	7 - 56
AST (U/L)	15.18	10 - 40

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