

# Medical Lab - Synthetic Blood Report

Report ID:	BR100485	Patient Name:	Kavya Iyer
Sex:	F	Age:	18
Report Date:	2024-12-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.74	12.0 - 16.0
RBC (10 <sup>6</sup> /μL)	3.55	3.5 - 5.5
WBC (10 <sup>3</sup> /μL)	8	4.5 - 11.0
Platelets (10 <sup>3</sup> /μL)	310	150 - 400
Hematocrit (%)	41.27	36 - 46
MCV (fL)	82.45	80 - 100
MCH (pg)	27.58	27 - 32
MCHC (g/dL)	35.28	32 - 36
Neutrophils (%)	44.48	40 - 70
Lymphocytes (%)	37.55	20 - 40
Fasting Glucose (mg/dL)	88.05	70 - 99
Urea (mg/dL)	16.07	7 - 20
Creatinine (mg/dL)	0.89	0.59 - 1.04
Sodium (mmol/L)	124.11	135 - 145
Potassium (mmol/L)	4.71	3.5 - 5.1
ALT (U/L)	48.4	7 - 56
AST (U/L)	14.0	10 - 40

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