

Medical Lab - Synthetic Blood Report

Report ID:	BR100601	Patient Name:	Pooja Chaudhary
Sex:	M	Age:	16
Report Date:	2024-10-25	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.39	13.5 - 17.5
RBC (10^6/µL)	4.73	4.3 - 5.9
WBC (10^3/µL)	5	4.5 - 11.0
Platelets (10^3/µL)	234	150 - 400
Hematocrit (%)	51.9	41 - 53
MCV (fL)	86.7	80 - 100
MCH (pg)	39.92	27 - 32
MCHC (g/dL)	34.4	32 - 36
Neutrophils (%)	71.75	40 - 70
Lymphocytes (%)	33.57	20 - 40
Fasting Glucose (mg/dL)	81.1	70 - 99
Urea (mg/dL)	11.93	7 - 20
Creatinine (mg/dL)	0.74	0.74 - 1.35
Sodium (mmol/L)	138.38	135 - 145
Potassium (mmol/L)	4.55	3.5 - 5.1
ALT (U/L)	33.74	7 - 56
AST (U/L)	37.23	10 - 40

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