

Medical Lab - Synthetic Blood Report

Report ID:	BR100313	Patient Name:	Asha Desai
Sex:	M	Age:	18
Report Date:	2024-10-12	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	17.42	13.5 - 17.5
RBC (10^6/μL)	5.1	4.3 - 5.9
WBC (10^3/μL)	12	4.5 - 11.0
Platelets (10^3/μL)	237	150 - 400
Hematocrit (%)	57.32	41 - 53
MCV (fL)	91.13	80 - 100
MCH (pg)	27.77	27 - 32
MCHC (g/dL)	34.59	32 - 36
Neutrophils (%)	78.47	40 - 70
Lymphocytes (%)	36.56	20 - 40
Fasting Glucose (mg/dL)	95.05	70 - 99
Urea (mg/dL)	16.38	7 - 20
Creatinine (mg/dL)	0.8	0.74 - 1.35
Sodium (mmol/L)	135.27	135 - 145
Potassium (mmol/L)	4.35	3.5 - 5.1
ALT (U/L)	12.5	7 - 56
AST (U/L)	29.98	10 - 40

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