

Medical Lab - Synthetic Blood Report

Report ID:	BR100028	Patient Name:	Aman Saxena
Sex:	F	Age:	29
Report Date:	2024-11-02	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	12.59	12.0 - 16.0
RBC (10^6/μL)	3.78	3.5 - 5.5
WBC (10^3/μL)	8	4.5 - 11.0
Platelets (10^3/μL)	237	150 - 400
Hematocrit (%)	45.48	36 - 46
MCV (fL)	87.25	80 - 100
MCH (pg)	25.86	27 - 32
MCHC (g/dL)	32.59	32 - 36
Neutrophils (%)	46.69	40 - 70
Lymphocytes (%)	28.27	20 - 40
Fasting Glucose (mg/dL)	65.55	70 - 99
Urea (mg/dL)	18.15	7 - 20
Creatinine (mg/dL)	0.49	0.59 - 1.04
Sodium (mmol/L)	139.11	135 - 145
Potassium (mmol/L)	4.8	3.5 - 5.1
ALT (U/L)	38.81	7 - 56
AST (U/L)	47.29	10 - 40

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