

Medical Lab - Synthetic Blood Report

Report ID:	BR100132	Patient Name:	Sneha Thomas
Sex:	F	Age:	20
Report Date:	2025-08-30	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.47	12.0 - 16.0
RBC (10 ⁶ /μL)	3.77	3.5 - 5.5
WBC (10 ³ /μL)	9	4.5 - 11.0
Platelets (10 ³ /μL)	504	150 - 400
Hematocrit (%)	41.38	36 - 46
MCV (fL)	82.44	80 - 100
MCH (pg)	27.41	27 - 32
MCHC (g/dL)	35.71	32 - 36
Neutrophils (%)	66.19	40 - 70
Lymphocytes (%)	32.05	20 - 40
Fasting Glucose (mg/dL)	82.59	70 - 99
Urea (mg/dL)	15.24	7 - 20
Creatinine (mg/dL)	0.56	0.59 - 1.04
Sodium (mmol/L)	142.2	135 - 145
Potassium (mmol/L)	4.77	3.5 - 5.1
ALT (U/L)	43.9	7 - 56
AST (U/L)	11.43	10 - 40

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