

Medical Lab - Synthetic Blood Report

Report ID:	BR100623	Patient Name:	Meera Bose
Sex:	F	Age:	17
Report Date:	2024-10-22	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	15.35	12.0 - 16.0
RBC (10^6/µL)	4.19	3.5 - 5.5
WBC (10^3/µL)	9	4.5 - 11.0
Platelets (10^3/µL)	115	150 - 400
Hematocrit (%)	41.98	36 - 46
MCV (fL)	86.38	80 - 100
MCH (pg)	28.71	27 - 32
MCHC (g/dL)	35.84	32 - 36
Neutrophils (%)	66.69	40 - 70
Lymphocytes (%)	38.6	20 - 40
Fasting Glucose (mg/dL)	79.58	70 - 99
Urea (mg/dL)	18.39	7 - 20
Creatinine (mg/dL)	1.0	0.59 - 1.04
Sodium (mmol/L)	135.11	135 - 145
Potassium (mmol/L)	4.49	3.5 - 5.1
ALT (U/L)	23.5	7 - 56
AST (U/L)	7.36	10 - 40

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