

# Medical Lab - Synthetic Blood Report

Report ID:	BR100264	Patient Name:	Sneha Malhotra
Sex:	M	Age:	3
Report Date:	2024-12-23	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.4	13.5 - 17.5
RBC (10^6/μL)	4.32	4.3 - 5.9
WBC (10^3/μL)	7	4.5 - 11.0
Platelets (10^3/μL)	230	150 - 400
Hematocrit (%)	43.02	41 - 53
MCV (fL)	91.79	80 - 100
MCH (pg)	30.14	27 - 32
MCHC (g/dL)	41.13	32 - 36
Neutrophils (%)	51.53	40 - 70
Lymphocytes (%)	29.88	20 - 40
Fasting Glucose (mg/dL)	80.94	70 - 99
Urea (mg/dL)	11.81	7 - 20
Creatinine (mg/dL)	1.34	0.74 - 1.35
Sodium (mmol/L)	137.97	135 - 145
Potassium (mmol/L)	3.31	3.5 - 5.1
ALT (U/L)	26.49	7 - 56
AST (U/L)	38.29	10 - 40

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