

Medical Lab - Synthetic Blood Report

Report ID:	BR100724	Patient Name:	Sameer Gupta
Sex:	M	Age:	14
Report Date:	2024-10-19	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.25	13.5 - 17.5
RBC (10^6/µL)	3.05	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	213	150 - 400
Hematocrit (%)	49.88	41 - 53
MCV (fL)	82.34	80 - 100
MCH (pg)	36.36	27 - 32
MCHC (g/dL)	35.15	32 - 36
Neutrophils (%)	64.85	40 - 70
Lymphocytes (%)	20.33	20 - 40
Fasting Glucose (mg/dL)	82.17	70 - 99
Urea (mg/dL)	18.3	7 - 20
Creatinine (mg/dL)	0.8	0.74 - 1.35
Sodium (mmol/L)	187.06	135 - 145
Potassium (mmol/L)	4.76	3.5 - 5.1
ALT (U/L)	39.01	7 - 56
AST (U/L)	19.43	10 - 40

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