

# Medical Lab - Synthetic Blood Report

Report ID:	BR100187	Patient Name:	Sameer Khan
Sex:	M	Age:	8
Report Date:	2025-06-27	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	14.65	13.5 - 17.5
RBC (10^6/µL)	5.43	4.3 - 5.9
WBC (10^3/µL)	6	4.5 - 11.0
Platelets (10^3/µL)	162	150 - 400
Hematocrit (%)	48.39	41 - 53
MCV (fL)	93.79	80 - 100
MCH (pg)	38.45	27 - 32
MCHC (g/dL)	33.28	32 - 36
Neutrophils (%)	59.35	40 - 70
Lymphocytes (%)	39.22	20 - 40
Fasting Glucose (mg/dL)	79.05	70 - 99
Urea (mg/dL)	9.81	7 - 20
Creatinine (mg/dL)	0.86	0.74 - 1.35
Sodium (mmol/L)	138.78	135 - 145
Potassium (mmol/L)	3.46	3.5 - 5.1
ALT (U/L)	28.95	7 - 56
AST (U/L)	8.62	10 - 40

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