

Medical Lab - Synthetic Blood Report

Report ID:	BR100489	Patient Name:	Karan Mehta
Sex:	F	Age:	6
Report Date:	2025-05-16	Physician:	Dr. S. Rao

Test	Result	Reference Range
Hemoglobin (g/dL)	13.24	12.0 - 16.0
RBC (10^6/ μ L)	4.67	3.5 - 5.5
WBC (10^3/ μ L)	5	4.5 - 11.0
Platelets (10^3/ μ L)	327	150 - 400
Hematocrit (%)	45.35	36 - 46
MCV (fL)	80.81	80 - 100
MCH (pg)	28.57	27 - 32
MCHC (g/dL)	34.36	32 - 36
Neutrophils (%)	38.97	40 - 70
Lymphocytes (%)	29.82	20 - 40
Fasting Glucose (mg/dL)	77.24	70 - 99
Urea (mg/dL)	5.32	7 - 20
Creatinine (mg/dL)	0.79	0.59 - 1.04
Sodium (mmol/L)	144.17	135 - 145
Potassium (mmol/L)	5.64	3.5 - 5.1
ALT (U/L)	4.97	7 - 56
AST (U/L)	9.02	10 - 40

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