

Lakeview Test Laboratories

A fictional laboratory for test data

Final report

Accession ACC-26-091042

Patient	Ava Okafor	Ordered by	Dr. Riley Moreno
Date of birth	04/12/1991 · F	Clinic	Northgate Test Clinic
MRN	SYN-000042	Collected	09/10/2026 08:05 · fasting
Address	1200 Example Ave, Apt 4B, Springfield, IL 62701	Reported	09/11/2026 14:12
Phone	(217) 555-0142		

Test	Result	Units	Reference range	Flag
Complete blood count				
White blood cells	6.8	$\times 10^3/\mu\text{L}$	4.0–11.0	
Red blood cells	4.52	$\times 10^6/\mu\text{L}$	4.00–5.20	
Hemoglobin	11.4	g/dL	12.0–15.5	L
Hematocrit	35.1	%	36.0–46.0	L
MCV	77.7	fL	80.0–100.0	L
MCH	25.2	pg	27.0–33.0	L
Platelets	265	$\times 10^3/\mu\text{L}$	150–400	
Chemistry				
Glucose, fasting	104	mg/dL	70–99	H
Hemoglobin A1c	5.8	%	<5.7	H
Creatinine	0.82	mg/dL	0.50–1.10	
Sodium	139	mmol/L	135–145	
Potassium	4.1	mmol/L	3.5–5.1	
Ferritin	9	ng/mL	15–150	L
TSH	2.1	mIU/L	0.4–4.0	

Comment: Microcytic pattern with low ferritin. Correlate clinically.

Synthetic patient SYN-0042. Generated by Synthesized for software testing. Not a real patient, laboratory or clinician.