

HEALTHLYNC MEDICAL LABORATORY

123 Medical Center Drive, Suite 100
Sample City, SC 12345
Phone: (555) 123-4567 | Fax: (555) 123-4568
CLIA #: 12D3456789

Patient Name:	Smith, Jane	Collection Date:	01/28/2026
Date of Birth:	03/15/1985	Collection Time:	07:45 AM
Age:	39 Years	Received Date:	01/28/2026
Gender:	Female	Report Date:	01/29/2026
Patient ID:	JS-260128-003	Ordering Physician:	Dr. Sarah Johnson, MD

Test Name	Result	Units	Reference Range	Flag
COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL				
White Blood Cell Count	6.5	K/uL	4.0 - 11.0	
Red Blood Cell Count	4.4	M/uL	4.0 - 5.2	
Hemoglobin	12.2	g/dL	12.0 - 15.0	
Hematocrit	36.8	%	36.0 - 44.0	
Mean Corpuscular Volume	77	fL	80 - 100	LOW
Mean Corpuscular Hemoglobin	26	pg	27 - 33	LOW
Platelet Count	298	K/uL	150 - 450	
COMPREHENSIVE METABOLIC PANEL				
Glucose	118	mg/dL	70 - 99	HIGH
Blood Urea Nitrogen	14	mg/dL	7 - 20	
Creatinine	0.8	mg/dL	0.6 - 1.2	
eGFR	>60	mL/min/1.73m ²	>60	
Sodium	141	mmol/L	136 - 145	
Potassium	4.2	mmol/L	3.5 - 5.0	
Chloride	103	mmol/L	98 - 107	
Carbon Dioxide	25	mmol/L	22 - 28	
Calcium	9.9	mg/dL	8.5 - 10.5	
Total Protein	7.1	g/dL	6.0 - 8.3	

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Albumin	4.2	g/dL	3.5 - 5.0	
Total Bilirubin	0.7	mg/dL	0.3 - 1.2	
Alkaline Phosphatase	82	U/L	44 - 147	
ALT (SGPT)	24	U/L	7 - 56	
AST (SGOT)	29	U/L	10 - 40	
LIPID PANEL				
Total Cholesterol	220	mg/dL	<200	HIGH
Triglycerides	142	mg/dL	<150	
HDL Cholesterol	42	mg/dL	>40	
LDL Cholesterol	150	mg/dL	<100	HIGH
Non-HDL Cholesterol	178	mg/dL	<130	HIGH
THYROID FUNCTION				
TSH	2.3	mIU/L	0.4 - 4.0	
Free T4	1.2	ng/dL	0.8 - 1.8	
VITAMIN LEVELS				
Vitamin D, 25-Hydroxy	32	ng/mL	30 - 100	
Vitamin B12	450	pg/mL	200 - 900	
Folate	8.5	ng/mL	3.0 - 17.0	
INFLAMMATION MARKERS				
C-Reactive Protein, High Sensitivity	3.8	mg/L	<3.0	HIGH
Erythrocyte Sedimentation Rate	18	mm/hr	0 - 30	

Ordering Physician: Dr. Sarah Johnson, MD
Practice: Johnson Family Medicine
Address: 456 Healthcare Blvd, Sample City, SC 12345
Phone: (555) 987-6543

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ABNORMAL VALUES FLAGGED:

- **Hemoglobin and Hematocrit:** Improved to normal range - iron supplementation effective
- **MCV and MCH:** Still slightly low - continue monitoring
- **Glucose:** Improved but still elevated - continue lifestyle modifications
- **Lipid Panel:** Partial improvement - HDL normalized, triglycerides improved, but cholesterol still elevated
- **Vitamin D:** Excellent improvement - now in normal range
- **CRP:** Slight improvement but still elevated - inflammation persists

Laboratory Director: Dr. Michael Chen, MD, PhD
Medical License: SC-12345

This report contains confidential medical information. Results should be interpreted by a qualified healthcare provider.