

HEALTHLYNC MEDICAL LABORATORY

123 Medical Center Drive, Suite 100

Sample City, SC 12345

Phone: (555) 123-4567 | CLIA #: 12D3456789

Patient Name: Smith, Jane

Date of Birth: 03/15/1985

Age: 39 Years

Gender: Female

Patient ID: JS-260128-003

Collection Date: 01/28/2026

Collection Time: 07:45 AM

Report Date: 01/29/2026

| Test Name | Result | Units | Reference Range | Category | Flag |
|---------------------------------|--------|---------------------------|-----------------|----------------|------|
| METABOLIC | | | | | |
| Glucose | 118 | mg/dL | 70 - 99 | METABOLIC | HIGH |
| KIDNEY | | | | | |
| Creatinine | 0.8 | mg/dL | 0.6 - 1.2 | KIDNEY | |
| eGFR | >60 | mL/min/1.73m ² | >60 | KIDNEY | |
| ELECTROLYTES | | | | | |
| Sodium | 141 | mmol/L | 136 - 145 | ELECTROLYTES | |
| Potassium | 4.2 | mmol/L | 3.5 - 5.0 | ELECTROLYTES | |
| LIVER | | | | | |
| Albumin | 4.2 | g/dL | 3.5 - 5.0 | LIVER | |
| Total Bilirubin | 0.7 | mg/dL | 0.3 - 1.2 | LIVER | |
| Alkaline Phosphatase | 82 | U/L | 44 - 147 | LIVER | |
| ALT (SGPT) | 24 | U/L | 7 - 56 | LIVER | |
| AST (SGOT) | 29 | U/L | 10 - 40 | LIVER | |
| CARDIOVASCULAR | | | | | |
| Total Cholesterol | 220 | mg/dL | <200 | CARDIOVASCULAR | HIGH |
| Triglycerides | 142 | mg/dL | <150 | CARDIOVASCULAR | |
| HDL Cholesterol | 42 | mg/dL | >40 | CARDIOVASCULAR | |
| LDL Cholesterol | 150 | mg/dL | <100 | CARDIOVASCULAR | HIGH |
| Non-HDL Cholesterol | 178 | mg/dL | <130 | CARDIOVASCULAR | HIGH |
| HORMONES | | | | | |

| Test Name | Result | Units | Reference Range | Category | Flag |
|--------------------------------------|--------|-------|-----------------|-----------|------|
| TSH | 2.3 | mIU/L | 0.4 - 4.0 | HORMONES | |
| Free T4 | 1.2 | ng/dL | 0.8 - 1.8 | HORMONES | |
| NUTRIENTS | | | | | |
| Vitamin D, 25-Hydroxy | 32 | ng/mL | 30 - 100 | NUTRIENTS | |
| Vitamin B12 | 450 | pg/mL | 200 - 900 | NUTRIENTS | |
| Folate | 8.5 | ng/mL | 3.0 - 17.0 | NUTRIENTS | |
| IMMUNITY | | | | | |
| C-Reactive Protein, High Sensitivity | 3.8 | mg/L | <3.0 | IMMUNITY | HIGH |

🎯 IMPROVEMENT SUMMARY (6-Month Follow-up)

Positive Changes: Glucose improved (128 → 118 mg/dL), Triglycerides normalized (156 → 142 mg/dL), HDL cholesterol normalized (38 → 42 mg/dL), Vitamin D excellent improvement (18 → 32 ng/mL)

Areas Needing Attention: Glucose still elevated, LDL and total cholesterol remain high, C-reactive protein still indicates inflammation

Ordering Physician: Dr. Sarah Johnson, MD

Practice: Johnson Family Medicine

Address: 456 Healthcare Blvd, Sample City, SC 12345

Phone: (555) 987-6543

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.