

# MedPath Diagnostics Laboratory

123 Clinical Drive, Suite 400 | Boston, MA 02115 | Tel: (617) 555-0122 | CLIA: 22D0123456

Lab ID: LAB-2026-00356

PATIENT	DATE OF BIRTH	MRN	ORDERING PHYSICIAN
Thompson, David K.	1978-06-22	MRN-20398274	Dr. S. Martinez, MD — General Practice

## COMPLETE BLOOD COUNT (CBC)

Test	Result	Reference Range	Flag
WBC	7.2 x10^9/L	4.0 - 11.0	
RBC	4.8 x10^12/L	4.2 - 5.8	
Hemoglobin	14.1 g/dL	13.5 - 17.5	
Hematocrit	42.3 %	38.0 - 50.0	
Platelets	245 x10^9/L	150 - 400	
Neutrophils	4.1 x10^9/L	1.8 - 7.7	
Lymphocytes	2.4 x10^9/L	1.0 - 4.8	

## COMPREHENSIVE METABOLIC PANEL

Test	Result	Reference Range	Flag
Glucose	94 mg/dL	70 - 100	
BUN	18 mg/dL	7 - 25	
Creatinine	0.9 mg/dL	0.7 - 1.3	
Sodium	139 mEq/L	136 - 145	
Potassium	4.1 mEq/L	3.5 - 5.1	
ALT	28 U/L	7 - 40	
AST	24 U/L	10 - 40	

## MICROBIOLOGY REPORT — URINE CULTURE

Collected: 2026-01-15 | Received: 2026-01-15 | Reported: 2026-01-17

### SPECIMEN INFORMATION

Specimen Type	Urine	Source / Site	Clean-catch midstream
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### CULTURE RESULT

Organism Identified	Colony Count (CFU/mL)	Result	Resistance Markers
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Escherichia coli	85,000	POSITIVE	None detected
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#### ANTIMICROBIAL SUSCEPTIBILITY

Antimicrobial Agent	MIC (mcg/mL)	Interpretation
Ampicillin	>= 32	Resistant
Nitrofurantoin	<= 32	Sensitive
Ciprofloxacin	<= 0.25	Sensitive
Ceftriaxone	<= 1	Sensitive
Trimethoprim/Sulfamethoxazole	160/800	Resistant

#### COMMENTS

Significant bacteriuria. CBC and metabolic panel results reported separately above. Urine culture findings should be correlated with urinary symptoms.

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*This report is intended for use by qualified healthcare professionals only. Results should be interpreted in the context of clinical findings, patient history, and other diagnostic information. This report does NOT constitute a diagnosis. MedPath Diagnostics Laboratory is CLIA-certified and CAP-accredited.*