

# MedPath Diagnostics Laboratory

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Lab ID: LAB-2026-00341

PATIENT	DATE OF BIRTH	MRN	ORDERING PHYSICIAN
Johnson, Sarah M.	1985-03-14	MRN-20485731	Dr. A. Patel, MD — Internal Medicine

## MICROBIOLOGY REPORT — URINE CULTURE

Collected: 2026-01-01 | Received: 2026-01-01 | Reported:  
2026-01-03

### 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
Escherichia coli	120,000	POSITIVE	None detected

### ANTIMICROBIAL SUSCEPTIBILITY

Antimicrobial Agent	MIC (mcg/mL)	Interpretation
Ampicillin	>= 32	Resistant
Nitrofurantoin	<= 32	Sensitive
Trimethoprim/Sulfamethoxazole	>= 320	Resistant
Ciprofloxacin	<= 0.25	Sensitive
Ceftriaxone	<= 1	Sensitive

### COMMENTS

Colony count exceeds significant bacteriuria threshold (>= 100,000 CFU/mL) for urine specimens. Recommend clinical correlation and antibiotic therapy as appropriate.

## MICROBIOLOGY REPORT — URINE CULTURE

Collected: 2026-01-10 | Received: 2026-01-10 | Reported:  
2026-01-12

### 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
Escherichia coli	40,000	POSITIVE	None detected

ANTIMICROBIAL SUSCEPTIBILITY

Antimicrobial Agent	MIC (mcg/mL)	Interpretation
Nitrofurantoin	<= 32	Sensitive
Ciprofloxacin	<= 0.25	Sensitive
Ceftriaxone	<= 1	Sensitive

COMMENTS

Colony count below significant bacteriuria threshold. Organism consistent with prior isolate. Pattern suggests partial treatment response. Follow-up culture recommended.

MICROBIOLOGY REPORT — URINE CULTURE

Collected: 2026-01-20 | Received: 2026-01-20 | Reported: 2026-01-22

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
Escherichia coli	5,000	POSITIVE	None detected

ANTIMICROBIAL SUSCEPTIBILITY

Antimicrobial Agent	MIC (mcg/mL)	Interpretation
Nitrofurantoin	<= 32	Sensitive
Ciprofloxacin	<= 0.25	Sensitive

COMMENTS

Significant reduction in colony count from prior specimen. Organism identity consistent across all three collections. Pattern consistent with treatment response.

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.