

| PATIENT INFORMATION      |                  | ORDERING INFORMATION                    |                                     |
|--------------------------|------------------|---|-------------------------------------|
| Patient: HARRIS, EMILY R | DOB: 07/22/1990  | Physician: Dr. Priya Nair, MD           | NPI: 1928374650                     |
| Sex: Female              | MRN: QD-30581924 | Client: Newton-Wellesley Women's Health | 2014 Washington St, Newton MA 02462 |

## Urine Culture — Final Report

Collected: 02/01/2026 Received: 02/01/2026 Reported:  
02/03/2026

Specimen Type: Urine

Source: Clean-catch midstream

| TEST          | RESULT           | FLAG | REFERENCE INTERVAL      |
|---------------|------------------|------|-------------------------|
| Urine Culture | Escherichia coli | A    | No growth               |
| Colony Count  | 150,000 CFU/mL   | A    | Significant: >= 100,000 |

### Antimicrobial Susceptibility

| ANTIMICROBIAL AGENT           | MIC (mcg/mL) | INTERP.   | BREAKPOINTS (S/R) | NOTE                             |
|-------------------------------|--------------|-----------|-------------------|----------------------------------|
| Ampicillin                    | >= 32        | Resistant | <= 8 / >= 32      | Intrinsic resistance             |
| Amoxicillin-Clavulanate       | <= 8         | Sensitive | <= 8 / >= 32      |                                  |
| Nitrofurantoin                | <= 32        | Sensitive | <= 32 / >= 128    | First-line for uncomplicated UTI |
| Trimethoprim-Sulfamethoxazole | >= 320       | Resistant | <= 2/38 / >= 4/76 |                                  |
| Ciprofloxacin                 | <= 0.25      | Sensitive | <= 0.25 / >= 1    | Prescribed — see comment         |
| Levofloxacin                  | <= 0.5       | Sensitive | <= 0.5 / >= 2     |                                  |
| Ceftriaxone                   | <= 1         | Sensitive | <= 1 / >= 4       |                                  |
| Gentamicin                    | <= 1         | Sensitive | <= 4 / >= 16      |                                  |
| Fosfomycin                    | <= 64        | Sensitive | <= 64 / >= 256    |                                  |

### Performing Laboratory Comments

Colony count of 150,000 CFU/mL exceeds the significant bacteriuria threshold (>= 100,000 CFU/mL) for symptomatic female patients. Escherichia coli isolated as the sole predominant uropathogen. Organism is susceptible to ciprofloxacin; patient has been initiated on ciprofloxacin 500 mg PO BID per ordering provider notation. Resistance to ampicillin and trimethoprim-sulfamethoxazole noted — these agents are not appropriate for treatment. Follow-up urine culture recommended in 7 days to assess treatment response.