

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.