



CIRRUS DX

FINAL

Accession #: U2025-001789

Name: Drock, John

DOB: 1/13/1981

MRN/SSN:

Sex: Male

Laboratory Information		Sample Information	Practice Information
<b>CirrusDx, Inc</b> 77 Upper Rock Circle, 4 <sup>th</sup> Floor Rockville, MD 20850  CLIA# 21D2130541  Dr. Todd Myers, Lab Director 240-813-8801 or reports@cirusdx.com		<b>Technician:</b> AJ  <b>Date Collected:</b> 10/22/2025 <b>Date Received:</b> 10/23/2025 <b>Date Reported:</b> 10/24/2025  <b>Reporting Method:</b> EMR	<b>Name:</b> Apple Urology  <b>Provider:</b> Winesap MD, Roma <b>Address:</b> 123 Apple Way Farmville MD 12345 <b>Phone:</b> 987-654-3210 <b>Fax:</b> (301) 621-4254 <b>Email:</b> results@appleurology.com

## Test Information: Urinary Tract Infection Panel (UTIP™) &amp; Culture Based AST (polyMIC™)

<b>Specimen Type:</b>	Urine	Clean Catch	<b>Antibiotic Usage:</b>	Ertapenem (ETP)
-----------------------	-------	-------------	--------------------------	-----------------

## Detected Pathogens, as determined by UTIP™

Organism Name	Classification	Detection Level (Organism/mL)
Escherichia coli	Gram Negative	1x10 <sup>5</sup>
Klebsiella oxytoca	Gram Negative	1x10 <sup>5</sup>
Klebsiella pneumoniae	Gram Negative	1x10 <sup>5</sup>
Proteus mirabilis	Gram Negative	1x10 <sup>5</sup>
Enterococcus faecalis	Gram Positive	1x10 <sup>6</sup>

## Antibiotic Susceptibility (polyMIC™)

Antibiotic Susceptibility was determined using culture

Oral Antibiotics	Nitrofurantoin	Trimethoprim-Sulfamethoxazole	Fosfomycin	Oftloxacin	Ciprofloxacin	Levofloxacin	Amoxicillin / Clavulanic Acid	Cephalexin	Cefpodoxime	Cefdinir	Tetracycline	Doxycycline	Cefaclor	Linezolid
E. coli	R	R	S	S	R	S	S	S	R	R	S	S	R	iR
E. faecalis	R	iR	S		S	R	S	iR	iR	iR	S	S	iR	R
K. oxytoca	R	S	S	R	S	R	R				S	S	S	iR
K. pneumoniae	R	R	S	R	R	R	R	R	R	R	S	S	R	iR
P. mirabilis	iR	S	S	R	R	S	S	R	S	S	iR	S	S	iR

**Antibiotic Susceptibility (polyMIC™)**

Antibiotic Susceptibility was determined using culture

IV Antibiotics	Gentamicin	Amikacin	Tobramycin	Piperacillin / Tazobactam	Imipenem	Ertapenem	Meropenem	Céfepime	Ceftriaxone	Cefazolin	Aztreonam	Ampicillin / Sulbactam	Ceftazidime / Avibactam
<i>E. coli</i>	R	R	R	I	S	R	R	R	R	R	R	R	R
<i>E. faecalis</i>		iR	iR	I	S					iR		R	
<i>K. oxytoca</i>	R	R	R	I	S	R	R	R	R	R	R	R	R
<i>K. pneumoniae</i>	R	R	R	I	S	R	R	R	R	R	R	R	R
<i>P. mirabilis</i>	R	R	R	I	S	R	R	R	R	R	R	R	R

**General Comments**

None.



CIRRUS DX

**FINAL**

Accession #: U2025-001789

Name: Drock, John

DOB: 1/13/1981

MRN/SSN:

Sex: Male

**Notes:**

Questions including Clinical Consultation on Results: 240-813-8801 or [reports@cirrusdx.com](mailto:reports@cirrusdx.com)

**Organisms Tested (reference range is determined by UTIP™):**

*Acinetobacter baumannii* (<1x10<sup>4</sup>), *Actinotignum schaalii* (<1x10<sup>4</sup>), *Aerococcus urinae* (<1x10<sup>4</sup>), *Candida albicans* (<1x10<sup>3</sup>), *Candida glabrata* (<1x10<sup>4</sup>), *Candida krusei* (<1x10<sup>4</sup>), *Candida parapsilosis* (<1x10<sup>3</sup>), *Candida tropicalis* (<1x10<sup>3</sup>), *Citrobacter freundii* (<1x10<sup>4</sup>), *Citrobacter koseri* (<1x10<sup>3</sup>), *Enterobacter cloacae* (<1x10<sup>3</sup>), *Enterococcus faecalis* (<1x10<sup>4</sup>), *Enterococcus faecium* (<1x10<sup>4</sup>), *Escherichia coli* (<1x10<sup>4</sup>), *Klebsiella aerogenes* (<1x10<sup>4</sup>), *Klebsiella oxytoca* (<1x10<sup>4</sup>), *Klebsiella pneumoniae* (<1x10<sup>4</sup>), *Morganella morganii* (<1x10<sup>4</sup>), *Proteus mirabilis* (<1x10<sup>4</sup>), *Proteus vulgaris* (<1x10<sup>4</sup>), *Providencia stuartii* (<1x10<sup>4</sup>), *Pseudomonas aeruginosa* (<1x10<sup>4</sup>), *Serratia marcescens* (<1x10<sup>4</sup>), *Staphylococcus aureus* (<1x10<sup>4</sup>), *Staphylococcus* spp. (CNS inclusive of *Staphylococcus epidermidis*, *Staphylococcus haemolyticus*, *Staphylococcus lugdunensis*, *Staphylococcus saprophyticus*) (<1x10<sup>4</sup>), *Streptococcus agalactiae* (<1x10<sup>3</sup>), *Ureaplasma* spp. (<1x10<sup>4</sup>), *Carbapenem Resistant Enterobacteriaceae* (Not Detected), *Methicillin Resistance* (Not Detected), and *Vancomycin Resistance* (Not Detected).

**Organisms/mL:** are based on the calculation of genome equivalents. One genome equivalent is theoretically equal to one colony forming unit (cfu).

**UTIP™ test method:** Urinary Tract Infection Panel, Real-Time PCR.

**polyMIC™ test method:** Antibiotic susceptibility testing is performed by using culture. Reference range for antibiotics are susceptible.

**Halo (H):** is the result of both Sensitive and Resistant organisms responding to an antibiotic.

**Sensitive (S):** indicates the organism(s) is susceptible to the antibiotic.

**Intermediate (I):** indicates the organism(s) is susceptible to the antibiotic but not at a level required to ensure effectiveness.

**Resistant (R):** indicates the organism(s) is not susceptible (resistant).

**Intrinsic Resistance (iR):** bacterium is known to be intrinsically resistant to this antibiotic.

**Black Spaces in polyMIC™ Tables:** are there for the following reasons: the antibiotic was not cleared by the FDA for use with that bacterium, there is insufficient evidence in the literature to support using that antibiotic for that bacterium, and/or that antibiotic has been shown in the literature to not be effective against that bacterium. Laboratory susceptibility does not always predict clinical outcomes.

It is the physician's responsibility to interpret the results provided and determine the appropriate (if any) treatment options including antibiotic selection.

The assays were developed and their performance characteristics were determined by CirrusDx. They have not been cleared or approved by the US Food and Drug Administration. The FDA does not require these tests to go through premarket FDA review. This test is used for clinical purposes. It should not be regarded as investigational or for research.

This report has been reviewed and approved by:

Dr. Todd Myers, Laboratory Director.

F-055.16