

**CLINIC INFORMATION**

 Name: Streamline Pathology Laboratory  
 Address: 2868 Acton Road Suite 207 BIRMINGHAM, AL 35243  
 Provider: Test, Doctor MD

**PATIENT INFORMATION**

 Name: PATIENT, TEST  
 DOB: 6/30/1980 Sex: M  
 Phone: (205)332-3160  
 Address: 2868 ACTON ROAD VESTAVIA, AL35243

**SPECIMEN INFORMATION**

 Lab Accession Number: S-08232210336  
 Date Collected: 08/22/22 12:00:00 AM  
 Date Accessioned: 08/23/2022  
 Date Reported: 08/23/2022  
 Faxed to: 18777966185

**Controls**

Patient Extraction Control <sup>1</sup>	PASS
Endogenous Positive Control <sup>1</sup>	PASS
Pathogen Positive Control <sup>2</sup>	PASS
Pathogen Negative Control <sup>3</sup>	PASS

(1) Endogenous control confirms sample collection, DNA/RNA extraction, and assay enzyme activity  
 (2) Positive control is synthetic inactive pathogen  
 (3) Negative Control contains primers, probe, and enzymes with no DNA/RNA template  
 (4) A "Detected" result indicates the presence of a pathogen (99.99% confidence) above the assay cutoff.

Test Performed	Lab Result (4) (Qualitative Low/Medium/High)	DNA Copy Number	Comments
<b>SUMMARY Wound/Dermatology Panel</b>		<b>Collection Type: Not Specified</b>	
Enterococcus spp.	DETECTED - LOW	1.00E+02	
Escherichia coli	DETECTED - HIGH	1.00E+04	[08/23/22] Shares homology with Shigella spp.
Staphylococcus epidermidis	DETECTED - MEDIUM	1.00E+03	

Class (Gene Name)	Lab Result (Qualitative)	Resistance Gene Targets Identified	Associated Resistances (Antibiotics to Avoid)
<b>SUMMARY Wound Antibiotic Resistance Markers</b>		<b>Collection Type: Not Specified</b>	
mecA (Methicillin/Oxacillin resistance)	DETECTED	mecA	[08/23/22]Oxacillin

Clinic Name: Streamline Pathology Laboratory

Patient name: PATIENT, TEST

Lab Director: Ty Thomas, MD

Page: 1

**CLINIC INFORMATION**

 Name: Streamline Pathology Laboratory  
 Address: 2868 Acton Road Suite 207 BIRMINGHAM, AL 35243  
 Provider: Test, Doctor MD

**PATIENT INFORMATION**

 Name: PATIENT, TEST  
 DOB: 6/30/1980 Sex: M  
 Phone: (205)332-3160  
 Address: 2868 ACTON ROAD VESTAVIA, AL35243

**SPECIMEN INFORMATION**

 Lab Accession Number: S-08232210336  
 Date Collected: 08/22/22 12:00:00 AM  
 Date Accessioned: 08/23/2022  
 Date Reported: 08/23/2022  
 Faxed to: 18777966185

Test Performed	Lab Result (4) (Qualitative Low/Medium/High)	DNA Copy Number	Comments
<b>Wound/Dermatology Panel</b>		<b>Collection Type: Not Specified</b>	
Acinetobacter baumannii	Not Detected	Not Detected	
Bacteroides fragilis	Not Detected	Not Detected	
Citrobacter freundii/braakii	Not Detected	Not Detected	
Citrobacter koseri	Not Detected	Not Detected	
Enterobacter cloacae	Not Detected	Not Detected	
Enterococcus spp.	DETECTED - LOW	1.00E+02	
Escherichia coli	DETECTED - HIGH	1.00E+04	[08/23/22] Shares homology with Shigella spp.
Klebsiella aerogenes	Not Detected	Not Detected	
Klebsiella oxytoca/michiganensis	Not Detected	Not Detected	
Klebsiella pneumoniae	Not Detected	Not Detected	
Morganella morganii	Not Detected	Not Detected	
Proteus mirabilis	Not Detected	Not Detected	
Pseudomonas aeruginosa	Not Detected	Not Detected	
Staphylococcus aureus	Not Detected	Not Detected	
Staphylococcus epidermidis	DETECTED - MEDIUM	1.00E+03	
Staphylococcus saprophyticus	Not Detected	Not Detected	
Streptococcus pyogenes (Group A)	Not Detected	Not Detected	
Varicella Zoster virus	Not Detected	Not Detected	

Clinic Name: Streamline Pathology Laboratory

Patient name: PATIENT, TEST

Lab Director: Ty Thomas, MD

Page: 2

Test results must be evaluated with clinical symptoms to diagnose disease. All tests established and validated by Laboratory and not FDA approved unless otherwise indicated.

Methodology statement: Real-time PCR assays are designed to detect pathogens with clinical significance and analytical sensitivity and specificity greater than 99%.

Limitations: While these assays are very sensitive and specific, theoretically these assays could detect pathogens not listed, resulting in a false positive.

In addition, while these assays are very specific, there may be target pathogen sequences with unknown sequence variability which may not be detected, resulting in a false negative result.

### CLINIC INFORMATION

Name: Streamline Pathology Laboratory  
 Address: 2868 Acton Road Suite 207 BIRMINGHAM, AL 35243  
 Provider: Test, Doctor MD

### PATIENT INFORMATION

Name: PATIENT, TEST  
 DOB: 6/30/1980 Sex: M  
 Phone: (205)332-3160  
 Address: 2868 ACTON ROAD VESTAVIA, AL35243

### SPECIMEN INFORMATION

Lab Accession Number: S-08232210336  
 Date Collected: 08/22/22 12:00:00 AM  
 Date Accessioned: 08/23/2022  
 Date Reported: 08/23/2022  
 Faxed to: 18777966185

Class (Gene Name)	Lab Result (Qualitative)	Resistance Gene Targets Identified	Associated Resistances (Antibiotics to Avoid)
<b>Wound Antibiotic Resistance Markers</b>		<b>Collection Type: Not Specified</b>	
Class A Beta-lactamase (blaKPC)	Not Detected	KPC-2-8,10,11,13-22,24-33	[08/23/22] Carbapenems, Cephalosporins, Penicillins, Beta-lactamase inhibitors, Aztreonam
Class A Beta-lactamase (CTX-M-Group 1)	Not Detected	blaCTX-M-1,3,10,12,15,22,23,28; blaFEC-1	[08/23/22] Cephalosporins, Penicillins, Aztreonam
Class B metallo Beta-lactamase (blaNDM)	Not Detected	NDM (1-21)	[08/23/22] Carbapenems, Cephalosporins, Penicillins, Beta-lactamase inhibitors
Fluoroquinolones	Not Detected	qnrS 1-5,7-9; qnrB Group 1; qnrB Group 5	[08/23/22] Ciprofloxacin, Gemifloxacin, Levofloxacin, Moxifloxacin, Norfloxacin, Ofloxacin
<b>mecA (Methicillin/Oxacillin resistance)</b>	<b>DETECTED</b>	<b>mecA</b>	[08/23/22] Oxacillin
Sulfonamides	Not Detected	sul1; sul2; sul3	[08/23/22] Sulfadiazine, Sulfamethizole, Sulfamethoxazole, Sulfasalazine, Sulfisoxazole
Trimethoprim	Not Detected	dfrA1; dfrA5; dfrA11; dfrA17	[08/23/22] Primsol
vanA (Vancomycin)	Not Detected	vanA	[08/23/22] Vancomycin
vanB (Vancomycin)	Not Detected	vanB	[08/23/22] Vancomycin

Clinic Name: Streamline Pathology Laboratory

Patient name: PATIENT, TEST

Lab Director: Ty Thomas, MD

Page: 3

Test results must be evaluated with clinical symptoms to diagnose disease. All tests established and validated by Laboratory and not FDA approved unless otherwise indicated.

Methodology statement: Real-time PCR assays are designed to detect pathogens with clinical significance and analytical sensitivity and specificity greater than 99%.

Limitations: While these assays are very sensitive and specific, theoretically these assays could detect pathogens not listed, resulting in a false positive.

In addition, while these assays are very specific, there may be target pathogen sequences with unknown sequence variability which may not be detected, resulting in a false negative result.