



## SMA Specialty Medical Lab

940 Pennsylvania Blvd, Suite A, Feasterville, PA 19053

Phone: 877-697-6252

Fax: 888-322-9524

Web: www.smalaboratory.com

Laboratory Director: Janusz J. Godyn, MD, FCAP

Laboratory Certification: CLIA # 39D0987158

Order Status: Complete

| PATIENT INFORMATION               |                                   | REQUESTER INFORMATION                | SAMPLE INFORMATION                   |
|-----------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|
| TEST,<br><small>Last Name</small> | TEST<br><small>First Name</small> | Ordering Location: <b>BC TEST MD</b> | Fasting: <b>No</b>                   |
| DOB:                              | Age & Gender:                     |                                      | Collected: <b>Dec 9 2024 9:30AM</b>  |
| Phone:                            |                                   | Ordering Provider: <b>TEST, MD</b>   | Received: <b>Dec 10 2024 12:20PM</b> |
| Accession ID: <b>TEST</b>         |                                   |                                      | Reported: <b>Dec 14 2024 2:13PM</b>  |

### Wound Culture (Aerobic/Anaerobic Organisms with Gram Stain)

Status: Final

Testing performed at  
SMA Specialty Medical Lab

|   | In Range | Out of Range   | Reference Range | Units | Previous Result | Date |
|---|----------|----------------|-----------------|-------|-----------------|------|
| Final Report  |          | <b>Comment</b> |                 |       |                 |      |
| <p>Culture Source<br/>Superficial; RIGHT LOWER LEG</p> <p>Gram Stain<br/>No White Blood Cells Seen<br/>Rare Gram positive cocci<br/>Rare Gram negative bacilli</p> <p>Culture Comment<br/>Normal Skin Flora isolated.</p> <p>Aerobic Growth Count<br/>FEW (Isolate1)</p> <p>Micro Culture Result<br/>Klebsiella pneumoniae (Isolate 1)</p> <p>Aerobic Growth Count<br/>RARE (Isolate2)</p> <p>Micro Culture Result<br/>Escherichia coli (Isolate 2)</p> <p>Anaerobic Growth Count<br/>FEW (Isolate3)</p> <p>Micro Culture Result<br/>Bacteroides fragilis (Isolate 3)</p> <p>Isolate 3 Comment<br/>This isolate is beta-lactamase positive. It should be considered resistant to penicillin, ampicillin and amoxicillin.</p> <p>Sensitivity Analysis</p> <p>-----</p> |          |                |                 |       |                 |      |
|   |          | Isolate 1      | Isolate 2       |       |                 |      |

### LAB REPORT

Report Date: Dec 14 2024 2:13PM



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|                             |        |   |        |   |
|-----------------------------|--------|---|--------|---|
| Amoxicillin/K Clavulanate   | <=8/4  | S | <=8/4  | S |
| Ampicillin                  | >16    | R | <=8    | S |
| Ampicillin/Sulbactam        | <=8/4  | S | <=8/4  | S |
| Cefazolin                   | <=2    | S | <=2    | S |
| Cefepime                    | <=2    | S | <=2    | S |
| Ceftazidime                 | <=1    | S | <=1    | S |
| Ceftazidime/Avibactam       | <=4    | S | <=4    | S |
| Ceftriaxone                 | <=1    | S | <=1    | S |
| Ciprofloxacin               | <=0.25 | S | <=0.25 | S |
| Ertapenem                   | <=0.5  | S | <=0.5  | S |
| Gentamicin                  | <=4    | S | <=4    | S |
| Imipenem                    | <=1    | S | <=1    | S |
| Levofloxacin                | <=0.5  | S | <=0.5  | S |
| Meropenem                   | <=1    | S | <=1    | S |
| Piperacillin/Tazobactam     | <=16   | S | <=16   | S |
| Tobramycin                  | <=4    | S | <=4    | S |
| Trimethoprim/Sulfamethoxazo | <=2/38 | S | <=2/38 | S |

  

S=Sensitive                      POS=Positive  
 I=Intermediate                NEG=Negative  
 R=Resistant                    MIC= microgram per milliliter  
 N/R=Not Reported  
 SDD=Susceptible-Dose Dependent  
 Blac=Beta-lactamase positive  
 ESBL=Extended spectrum beta-lactamase

| Wound Pathogen Panel A |            |              |                 |       | Status: Final   | Testing performed at<br>SMA Mol Wound Arkstone |  |
|------------------------|------------|--------------|-----------------|-------|-----------------|--|--|
|                        | In Range   | Out of Range | Reference Range | Units | Previous Result | Date   |  |
| Wound Pathogen Panel A |            |              |                 |       |                 |  |  |
| PDFReport              | Attachment |              |                 |       |                 |  |  |

Reporting Laboratories: SMA Mol Wound Arkstone ; SMA Specialty Medical Lab 39D0987158

Results Sent To: TEST

# WOUND Diagnostic Report



SMA Specialty Medical Lab • 940 Pennsylvania Boulevard Feasterville, PA 19053  
• Phone: 215-322-6590 • Fax: 215-322-9524 • Web: <http://smalaboratory.com> • CLIA #: 39D0987158  
• Laboratory Director: Janusz J Godyn, MD, FCAP, FASCP

Name: TEST, TEST  
Date of Birth:  
Sex:  
Accession: TEST

Physician: TEST MD  
NPI#: TEST  
Practice: BC TEST

Date Collected: 12/09/2024 09:30 AM  
Date Received: 12/10/2024 11:16 AM  
Date Reported: 12/10/2024 04:07 PM  
Specimen: WOUND: RIGHT LOWER LEG  
Status: Final Report

## ABOUT THIS REPORT

This Wound Panel Report assesses skin, soft tissue and deep wound infection and consists of molecular identification tests for microorganisms and genes of antibiotic resistance implicated in complex wound management.

## MOLECULAR MICROBIOLOGY RESULTS

| <b>PATHOGEN</b>                          | <b>RESULTS</b>  | <b>RESISTANCE GENE TESTED</b>            | <b>RESULTS</b>  |
|--|-----------------|--|-----------------|
| Acinetobacter baumannii                  | Not Detected    | Carbapenem Resistance (IMP)              | Not Detected    |
| Actinomyces species                      | Not Detected    | Carbapenem Resistance (KPC)              | Not Detected    |
| Bacteroides species                      | Not Detected    | Carbapenem resistance (OXA)              | Not Detected    |
| Candida auris                            | Not Detected    | Carbapenem Resistance (VIM)              | Not Detected    |
| Candida species                          | Not Detected    | Extended Spectrum Beta Lactamase (CTX-M) | Not Detected    |
| Citrobacter species                      | Not Detected    | <b>Methicillin Resistance (MecA)</b>     | <b>Detected</b> |
| Clostridium species                      | Not Detected    | Vancomycin Resistance (Vanc)             | Not Detected    |
| <b>Coagulase Negative Staphylococcus</b> | <b>Detected</b> |  |                 |
| Enterobacter cloacae                     | Not Detected    |  |                 |
| Enterococcus species                     | Not Detected    |  |                 |
| <b>Escherichia coli</b>                  | <b>Detected</b> |  |                 |
| HSV 1                                    | Not Detected    |  |                 |
| HSV2                                     | Not Detected    |  |                 |
| Klebsiella species                       | Not Detected    |  |                 |
| Morganella morganii                      | Not Detected    |  |                 |
| Nocardia species                         | Not Detected    |  |                 |
| Prevotella species                       | Not Detected    |  |                 |
| Proteus species                          | Not Detected    |  |                 |
| Providencia stuartii                     | Not Detected    |  |                 |
| Pseudomonas aeruginosa                   | Not Detected    |  |                 |
| Serratia marcescens                      | Not Detected    |  |                 |
| Staphylococcus aureus                    | Not Detected    |  |                 |
| Stenotrophomonas maltophilia             | Not Detected    |  |                 |
| Streptococcus agalactiae                 | Not Detected    |  |                 |
| Streptococcus pyogenes                   | Not Detected    |  |                 |

In the case that no pathogenic microorganisms are identified by this assay, the presence of antibiotic resistance genes may be attributable to non-pathogenic microorganisms or possible rarely-occurring pathogenic microorganisms that SMA Specialty Medical Lab has not examined in its assay. Clinical correlation is suggested.

# WOUND Diagnostic Report



**Limitation:** An absence of detection does not imply the absence of microorganisms other than those listed or does not exclude the possibility that the target sequence is present below the limit of detection. The Wound Diagnostic Report does not take into consideration patient history, drug-drug interactions, drug sensitivity, and/or allergies. It is the responsibility of the physician to determine appropriate drug and dosing choices based on all available data.

**Methodology:** Array based assays simultaneously detect a wide array of bacteria, viruses, and parasites at analytical sensitivity and specificity >99%.

**Disclaimer:** These tests were developed, characterized and interpreted by SMA Specialty Medical Lab. The tests in this Wound panel have not been approved by the Food and Drug Administration. The FDA has determined that such approval is not necessary, provided that the laboratory both (1) maintains its good standing as a clinical testing laboratory with all mandatory accrediting bodies, and (2) continually demonstrates that its testing protocols and procedures achieve a high degree of analytical accuracy.

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