

Patient Information

Name: TEST, WOUND
DOB: 01/01/1981
Gender: Female
MRN:

Sample Information

Specimen ID: 13
Type: Wound
Collected: 12/27/2022
Received: 12/28/2022 Reported:

Clinic Information

Client:
Site:
Physician:

Detailed Results Summary

| Molecular | Results |
|------------------------------|----------|
| Acinetobacter baumannii | Detected |
| Escherichia coli | Detected |
| Methicillin/Oxacillin (mecA) | Detected |
| Pseudomonas aeruginosa | Detected |

Tested Assay Results

| Pathogen | Results | Qualitative |
|----------------------------------|-----------------|-----------------|
| Acinetobacter baumannii | Detected | Positive |
| Bacteroides Fragilis | Not Detected | Negative |
| Citrobacter braakii/freundii | Not Detected | Negative |
| Citrobacter koseri | Not Detected | Negative |
| Enterobacter cloacae | Not Detected | Negative |
| Enterococcus spp. | Not Detected | Negative |
| Escherichia coli | Detected | Positive |
| Klebsiella aerogenes | Not Detected | Negative |
| Klebsiella oxytoca/michiganensis | Not Detected | Negative |
| Klebsiella pneumoniae | Not Detected | Negative |
| Morganella morganii | Not Detected | Negative |
| Proteus mirabilis | Not Detected | Negative |
| Pseudomonas aeruginosa | Detected | Positive |
| Serratia marcescens | Not Detected | Negative |
| Staphylococcus aureus | Not Detected | Negative |
| Staphylococcus epidermidis | Not Detected | Negative |
| Staphylococcus saprophyticus | Not Detected | Negative |
| Streptococcus pyogenes (Group A) | Not Detected | Negative |

Disclaimer:
Nail/Fungal/Wound/UTI/RPP detections performed by Real-Time Polymerase Chain Reaction (PCR) method. These tests were developed and performance characteristics determined by Coronado Labs. They have not been cleared or approved by the FDA. However, such approval/clearance is not required, as the laboratory is regulated and qualified under CLIA to perform high-complexity testing. These tests are used for clinical purposes and should not be graded as investigational or for research.

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| Class (Gene Name) | Lab Result (Qualitative) | Resistance Gene Targets Identified | Associated Resistances Antibiotics to Avoid |
|--|--------------------------|---|---|
| Wound Panel Antibiotic Resistance Markers | | | |
| Class A beta-lactamase (CTX-M-Group 1) | Not Detected | blaCTX-M-1,3,10,12,15,22,23,28; blaFEC-1 | Aztreonam, Cephalosporins, Penicillins |
| Trimethoprim | Not Detected | dfrA1; dfrA5; dfrA11; dfrA17 | Primisol |
| Class A beta-lactamase (blaKPC) | Not Detected | KPC-2-8,10,11,13,22,24-33 | Carbapenems, Cephalosporins, Penicillins, Beta-lactamase inhibitors, Aztreonam |
| Methicillin/Oxacillin (mecA) | Detected | mecA | Oxacillin |
| Class B metallo-beta-lactamase (blaNDM) | Not Detected | NDM(1-21) | Beta-lactamase inhibitors, Carbapenems, Cephalosporins, Penicillins |
| Fluoroquinolones | Not Detected | qnrS 1-5,7-9, qnrB Group1; qnrB Group5 | Ciprofloxacin, Gemifloxacin, Levofloxacin, Moxifloxacin, Norfloxacin, Ofloxacin |
| Sulfonamides | Not Detected | sul1; sul2; sul3 | Sulfadiazine, Sulfamethizole, Sulfasalazine, Sulfisoxazole |
| vanA (Vancomycin) | Not Detected | vanA | Vancomycin |
| vanB (Vancomycin) | Not Detected | vanB | Vancomycin |