

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB 11/10/1978
Sex: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Unusual Organism Culture

ARUP test code 0060714

Collected: 2/11/2022 16:00 MT
Started: 2/15/2022 7:13 MT

Source: **wound**

Body Site: **Lesion**

Free Text Sources: **wound**

Final Report

Staphylococcus aureus
Identification by MALDI-TOF
This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration.
This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Susceptibility Results

Organism: Staphylococcus aureus

Clindamycin	Interpretation: RESISTANT
Daptomycin	Interpretation: SUSCEPTIBLE MIC (ug/mL): <=1
D-Test	Interpretation: SEE NOTE
Erythromycin	Interpretation: RESISTANT MIC (ug/mL): >=8
Gentamicin	Interpretation: SUSCEPTIBLE MIC (ug/mL): <=2

S=Susceptible, I=Intermediate, R=Resistant, NonS=Nonsusceptible, IND=Indeterminate,
SDD=Susceptibility is dose dependent, None=Interpretive guidelines are not available

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

Levofloxacin	Interpretation: SUSCEPTIBLE MIC (ug/mL): <=0.5
Linezolid	Interpretation: SUSCEPTIBLE MIC (ug/mL): 1
Oxacillin	Interpretation: SUSCEPTIBLE MIC (ug/mL): <=0.25
Oxacillin Resistance (PBP2a)	PBP Interpretation: ABSENT
Penicillin	Interpretation: RESISTANT MIC (ug/mL): 0.5
Rifampin	Interpretation: SUSCEPTIBLE MIC (ug/mL): <=0.5
Tetracycline	Interpretation: SUSCEPTIBLE MIC (ug/mL): <=0.5
Trimethoprim/Sulfamethoxazole	Interpretation: SUSCEPTIBLE MIC (ug/mL): <=1/19
Vancomycin	Interpretation: SUSCEPTIBLE MIC (ug/mL): 1

Interpretive Information Interpretation: **SEE NOTE**

D-Test: **POSITIVE** - This isolate is presumed to be resistant to clindamycin based on the detection of inducible clindamycin resistance.

Gentamicin: Susceptible- For staphylococci that test susceptible, gentamicin is used only in combination with other active agents that test susceptible.

Rifampin should not be used alone for antimicrobial therapy.

Interpretive Information PBP Interpretation: **SEE NOTE**

Presence of Penicillin binding protein 2a (PBP2a) indicates the organism expresses the Meca protein that confers resistance to oxacillin and most other beta-lactam antibiotics. The absence of PBP2a indicates Meca-mediated resistance was not detected, but does not rule out the presence of oxacillin resistance by alternative mechanisms.

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Unusual Organism Culture	22--04-2-403567	2/11/2022 4 00:00 PM	2/15/2022 6:55:51 AM	2/19/2022 3:05:25 PM

END OF CHART

S=Susceptible, I=Intermediate, R=Resistant, NonS=Nonsusceptible, IND=Indeterminate, SDD=Susceptibility is dose dependent, None=Interpretive guidelines are not available

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: