

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB** 5/19/2010  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Ear Culture and Gram Stain**

ARUP test code 0060361

Collected: 00/00/0000 00:00 MT  
Started: 00/00/0000 00:00 MT

Source: **Ear**

Body Site: **Right Ear**

Free Text Sources: **Ear**

**Stains/Preparations**

**Gram Stain**

3+ Gram Positive Cocci  
2+ Gram positive rod/coccus  
No polymorphonuclear leukocytes (PMNs) seen

**Final Report**

3+ Staphylococcus aureus

**Susceptibility Results**

**Organism: Staphylococcus aureus**

<b>Clindamycin</b>	Interpretation: <b>RESISTANT</b>
<b>Daptomycin</b>	Interpretation: <b>SUSCEPTIBLE</b>
	MIC (ug/mL): <b>&lt;=1</b>
<b>D-Test</b>	Interpretation: <b>SEE NOTE</b>

**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:

<b>Erythromycin</b>	Interpretation: <b>RESISTANT</b> MIC (ug/mL): <b>&gt;=8</b>
<b>Gentamicin</b>	Interpretation: <b>SUSCEPTIBLE</b> MIC (ug/mL): <b>&lt;=2</b>
<b>Levofloxacin</b>	Interpretation: <b>SUSCEPTIBLE</b> MIC (ug/mL): <b>&lt;=0.5</b>
<b>Linezolid</b>	Interpretation: <b>SUSCEPTIBLE</b> MIC (ug/mL): <b>2</b>
<b>Oxacillin</b>	Interpretation: <b>SUSCEPTIBLE</b> MIC (ug/mL): <b>&lt;=0.25</b>
<b>Oxacillin Resistance (PBP2a)</b>	PBP Interpretation: <b>ABSENT</b>
<b>Penicillin</b>	Interpretation: <b>RESISTANT</b> MIC (ug/mL): <b>&gt;=2</b>
<b>Rifampin</b>	Interpretation: <b>SUSCEPTIBLE</b> MIC (ug/mL): <b>&lt;=0.5</b>
<b>Tetracycline</b>	Interpretation: <b>SUSCEPTIBLE</b> MIC (ug/mL): <b>&lt;=0.5</b>
<b>Trimethoprim/Sulfamethoxazole</b>	Interpretation: <b>SUSCEPTIBLE</b> MIC (ug/mL): <b>&lt;=1/19</b>
<b>Vancomycin</b>	Interpretation: <b>SUSCEPTIBLE</b> MIC (ug/mL): <b>1</b>

**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.

**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.

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VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Ear Culture and Gram Stain	20-189-402836	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

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*Unless otherwise indicated, testing performed at:*

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 20-189-402836  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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