NEISSERIA GONORRHOEAE  
AR-BANK#0194

**MIC (µg/ml) RESULTS AND INTERPRETATION**

<table>
<thead>
<tr>
<th>DRUG</th>
<th>MIC</th>
<th>INT</th>
<th>DRUG</th>
<th>MIC</th>
<th>INT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azithromycin</td>
<td>0.5</td>
<td>---</td>
<td>Penicillin</td>
<td>2</td>
<td>R</td>
</tr>
<tr>
<td>Cefixime</td>
<td>1</td>
<td>NS</td>
<td>Spectinomycin</td>
<td>---</td>
<td>S</td>
</tr>
<tr>
<td>Cefpodoxime</td>
<td>2</td>
<td>NS</td>
<td>Tetracycline</td>
<td>1</td>
<td>I</td>
</tr>
<tr>
<td>Ceftriaxone</td>
<td>0.5</td>
<td>NS</td>
<td>β-Lactamase</td>
<td>---</td>
<td>NEG</td>
</tr>
<tr>
<td>Ciprofloxacin</td>
<td>0.015</td>
<td>S</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

S – I – R Interpretation (INT) derived from CLSI 2015 M100 S25
NS= Nonsusceptible
NEG= Negative

**SEQUENCING INFORMATION:**

<table>
<thead>
<tr>
<th>ACCESSION #</th>
<th>SEQUENCING SOURCE</th>
<th>LINK</th>
</tr>
</thead>
</table>

**PROPAGATION**

**MEDIUM**
Medium: GC agar base and 1% defined growth supplement

**GROWTH CONDITIONS**
Temperature: 36°C
Atmosphere: 5% CO₂

**PROPAGATION PROCEDURE**
Remove the sample vial to a container with dry ice or a freezer block. Keep vial on ice or block. (Do not let vial content thaw)
Open vial aseptically to avoid contamination
Using a sterile loop, remove a small amount of frozen isolate from the top of the vial
Aseptically transfer the loop to GC agar
Use streak plate method to isolate single colonies
Incubate inverted plate at 36°C in 5% CO₂ for 20-24 hrs.

arbank@cdc.gov  
http://www.cdc.gov/drugresistance/resistance-bank/
BIOSAFETY LEVEL 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *BioSafety in Microbiological and Biomedical Laboratories* (HHS Publication No. (CDC) 21-1112) from the U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, and National Institutes of Health.

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