## CAMPYLOBACTER COLI

AR-BANK#0417

### 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>&gt;64</td>
<td>NWT</td>
<td>Gentamicin</td>
<td>&gt;32</td>
<td>NWT</td>
</tr>
<tr>
<td>Ciprofloxacin</td>
<td>32</td>
<td>R</td>
<td>Nalidixic Acid</td>
<td>64</td>
<td>NWT</td>
</tr>
<tr>
<td>Clindamycin</td>
<td>16</td>
<td>NWT</td>
<td>Telithromycin</td>
<td>&gt;8</td>
<td>---</td>
</tr>
<tr>
<td>Erythromycin</td>
<td>&gt;64</td>
<td>R</td>
<td>Tetracycline</td>
<td>&gt;64</td>
<td>R</td>
</tr>
<tr>
<td>Florfenicol</td>
<td>2</td>
<td>WT</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

S – I – R Interpretation (INT) derived from CLSI 2015 M45 A3

1 WT (wild type; ≤ECVs) – NWT (non-wild type; ≥ECVs) based on epidemiological cutoff values (ECVs)

adopted from the European Committee on Antimicrobial Susceptibility Testing (EUCAST, 2012)

### PROPAGATION

**MEDIA:**

Brain Heart Infusion Agar with 5% Rabbit Blood (BHIA)

Trypticase Soy Agar with 5% Sheep Blood (BAP)

**GROWTH CONDITIONS**

Temperature: 37°C

Atmosphere: Micro-aerobic

**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 BHIA.

Use streak plate method to isolate single colonies

Incubate inverted plate at 37°C for 24-48 hours, then subculture to BAP and allow 48 hours of incubation prior to performing Antimicrobial Susceptibility Testing (AST).
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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