Notes: *Helicobacter* culture for susceptibility testing is only performed if a history of treatment failure is indicated.

If a pathology diagnosis is required, submit a separate biopsy sample (in formalin) with an Acute Care Pathology requisition and send to CLS Anatomic Pathology.

To culture *Helicobacter pylori* from gastric biopsies, please complete the following checklist:

**Materials Required:**

- *H. pylori* Collection Kit (contains Portagerm transport media, requisitions, collection checklist, and biohazard bags)

Obtain kit from the CLS Rapid Response Lab (RRL)

Accession in your hospital the day before the procedure

**Patient History:**

- Patient has recurrent failure after appropriate *H. pylori* treatment

<table>
<thead>
<tr>
<th>Patient discontinued use of the following groups of medications:</th>
<th>Minimum</th>
<th>If not, state how long</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proton pump inhibitors (H+, K+ - ATPase Inhibitor):</td>
<td>14 days</td>
<td></td>
</tr>
<tr>
<td>Antibiotics:</td>
<td>28 days</td>
<td></td>
</tr>
<tr>
<td>Bismuth preparations (e.g. Peptol Bismol):</td>
<td>14 days</td>
<td></td>
</tr>
</tbody>
</table>

**Before collecting the sample:**

- Allow transport media to warm to room temperature prior to collecting samples

**Sample Collection:**

- Collect two double-bite biopsies:
  - One from the Antrum near pylorus
  - One from the Gastric body (greater curvature)
  - Place each biopsy into its own transport media container

**Sample Labelling:**

- Label all specimens with patient full first and last name, Personal Health Number (PHN) or Medical Record Number (MRN) AND body site of biopsy (antrum or gastric body)

- Place each biopsy into a separate biohazard bag

**Complete the Requisition:**

- Requisitions are provided in the kit for each specimen site. Label each requisition with:
  - Patient label providing full first and last name, PHN or MRN
  - Ordering physician information
  - Date (yyyy/mm/dd) and time of collection

- Place requisition in the outside pocket of the respective biohazard bag. Place completed checklist in one of the biohazard bag outside pockets.

**Sample/Media Transport:**

- Transport samples STAT to the CLS RRL Accession in your hospital

Sample should be received at the CLS Microbiology within 2 hours of collection.

Questions? Call the Laboratory Information Center at 403-770-3600