

Department of Microbiology
Tissue Specimen Processing Procedure

Test Name & Order Code	Specimen Types & Comments	Media & Direct Smear	Incubation
Culture Tissue CTIS	If tissue is more than 1 cm ³ , use sterile forceps and scalpel to cut into sections. Use cut tissue to make touch preps for smears. Then process tissue using the Whirl-Pak. Place tissue in a Whirl-Pak bag with 2 mL of sterile saline. Expel as much air as possible and seal bag. Place inside of a second Whirl-Pak. Roll a thick marking pen over bag until tissue is dispersed in the saline. Use a sterile pipette to inoculate the homogenized material to appropriate media. Save the specimen in the bag, along with leftover tissue, at -70°C.	BAP CHOC CNA MAC BAP + K disk Gram Stain	CO ₂ at 35 ± 2 °C CO ₂ at 35 ± 2 °C CO ₂ at 35 ± 2 °C CO ₂ at 35 ± 2 °C Ana at 35 ± 2 °C
Culture Tissue (<i>H. pylori</i>) CTIS For any tissue specimens that are labeled gastric, antrum, esophagus, fundus, or duodenum.	For gram stain, make impression smears BEFORE grinding the tissue. Grind specimen and inoculate media. Place sign on incubator and a note on the jar with a preliminary date at day 3 and final date at day 7.	BAP CHOC MTM Gram Stain	Microaerophilic at 35 ± 2 °C
<i>Helicobacter pylori</i> Screen (CLO Test) HPS	Verify collection date if not clearly indicated. Place label on the CLO test device and on the log sheet with the receipt time. Incubate for 3 h. Examine the test for color change from yellow to magenta pink. If positive reaction is noted, record on the log and enter result in LIS. After 3 h, if the test is negative, the set-up bench person will remove the test from the incubator, and leave at room temperature by the O & P microscope to be reported on the following day. Record the 24 h result on the log sheet and enter result in LIS.	CLO Test	Ambient at 35 ± 2 °C