

Reporting Title: H pylori + Clarithro Resist, PCR, F**Performing Location:** Rochester**Ordering Guidance:**

Confirmation of eradication testing should not be ordered until 4 or more weeks after cessation of treatment.

Specimen Requirements:

The high sensitivity of amplification by polymerase chain reaction requires the specimen to be processed in an environment in which contamination of the specimen by *Helicobacter pylori* DNA is unlikely.

Patient Preparation: Proton pump inhibitors and bismuth compounds should be avoided for 2 weeks prior to testing; antibiotics should be avoided for 4 weeks prior to testing.

Supplies: Culture and Sensitivity Stool Transport Vial (T058)

Specimen Type: Preserved feces

Submission Container/Tube: Commercially available transport system specific for recovery of enteric pathogens from fecal specimens (15 mL of nonnutritive transport medium containing phenol red as a pH indicator, either Cary-Blair or Para-Pak C and S)

Specimen Volume: 5 mL

Collection Instructions:

1. Collect fresh fecal specimen and submit 1 gram or 5 mL in container with transport medium.
2. Place feces in preservative within 2 hours of collection.
3. Place vial in a sealed plastic bag and send ambient or refrigerated. Specimens sent frozen will be rejected.

Specimen Minimum Volume:

1 mL

Forms:

If not ordering electronically, complete, print, and send one of the following with the specimen:

1. Microbiology Test Request (T244)
2. Gastroenterology and Hepatology Test Request (T728)

| Specimen Type | Temperature | Time | Special Container |
|---------------|---------------------|--------|-------------------|
| Fecal | Ambient (preferred) | 7 days | |
| | Refrigerated | 7 days | |

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|----------------------------------|--------------|------|---------|
| HPSRC | Specimen Source | Alphanumeric | | 31208-2 |
| 608002 | Helicobacter pylori Result | Alphanumeric | | 91061-2 |
| 608003 | Clarithromycin Resistance Result | Alphanumeric | | 88509-5 |

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87798

Reference Values:

Not detected