

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

**Ordering Guidance:**  
If testing directly from feces is desired, order HPFRP / *Helicobacter pylori* with Clarithromycin Resistance Prediction, Molecular Detection, PCR, Feces.

For more information see [Helicobacter pylori Diagnostic Algorithm](#).

**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.

**Submit only 1 of the following specimens:**

**Specimen Type:** Fresh tissue or biopsy  
**Sources:** Stomach (or duodenum)  
**Container/Tube:** Sterile container  
**Specimen Volume:** Entire collection or 5 mm (3) approximate size of a pencil eraser  
**Collection Instructions:**  
1. Collect fresh tissue specimen.  
2. Submit tissue in a sterile container (without adding anything).  
3. Refrigerate or freeze the specimen.  
**Specimen Stability Information:** Refrigerated (preferred) 7 days/Frozen 7 days

**Preferred:**  
**Supplies:** Tissue Block Container (T553)  
**Specimen Type:** Formalin-fixed, paraffin-embedded (FFPE) tissue block  
**Sources:** Stomach (or duodenum)  
**Container/Tube:** Tissue block  
**Collection Instructions:** Submit FFPE tissue block to be cut and returned.  
**Specimen Stability Information:** Ambient (preferred)/Refrigerated

**Acceptable:**  
**Specimen Type:** Formalin-fixed, paraffin-embedded (FFPE) tissue scroll  
**Sources:** Stomach (or duodenum)  
**Container/Tube:** Sterile container for each individual cut section (scroll)  
**Collection Instructions:** Perform microtomy and prepare five separate 10-micron sections. **Each section (scroll) must be placed in a separate sterile container for submission.**  
**Specimen Stability Information:** Ambient (preferred)/Refrigerated

Specimen Type	Temperature	Time	Special Container
Varies	Varies		

# Test Definition: HPRP

Helicobacter pylori with Clarithromycin  
Resistance Prediction, Molecular Detection,  
PCR, Tissue

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
HPRP	HPS3	Specimen Source	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
HPS3	Specimen Source	Alphanumeric		31208-2
616027	Helicobacter pylori Result	Alphanumeric		91060-4
616028	Clarithromycin Resistance Result	Alphanumeric		88509-5

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87798

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
TISSR	Tissue Processing	1	87176	No	No

Reference Values:

Not detected