



Test Definition: HPCR

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

Reporting Title: H pylori + Clarithro Resist PCR

Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Ordering Guidance:

This test uses isolates of *Helicobacter pylori* for testing. If testing directly from feces is desired, order HPFRP / *Helicobacter pylori* with Clarithromycin Resistance Prediction, Molecular Detection, PCR, Varies.

Additional Testing Requirements:

1. If identification testing is needed, also order IDENT / Organism Referred for Identification, Aerobic Bacteria.
2. If susceptibility testing is needed, also order ZMMLS / Antimicrobial Susceptibility, Aerobic Bacteria, MIC, Varies.

Shipping Instructions:

1. For shipping information see [Infectious Specimen Shipping Guidelines](#).
2. Place specimen in a large infectious container and label as an etiologic agent/infectious substance, if appropriate.

Necessary Information:

Organism identification and specimen source are required.

Specimen Requirements:

Supplies: Infectious Container, Large (T146)

Container/Tube: Agar slant or other appropriate media

Specimen Volume: Isolate

Collection Instructions:

1. Perform isolation of *Helicobacter pylori* in culture.
2. *H pylori* isolate must be submitted in pure culture. **Do not submit mixed cultures.**

Forms:

If not ordering electronically, complete, print, and send [Gastroenterology and Hepatology Test Request](#) (T728) with the specimen

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)		
	Refrigerated		
	Frozen		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
HPCR	HPORG	Organism Identified by Client	Plain Text	Yes
HPCR	HPS2	Specimen Source	Plain Text	Yes

Result Codes:

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Result ID	Reporting Name	Type	Unit	LOINC®
HPS2	Specimen Source	Alphanumeric		31208-2
608005	Helicobacter pylori Result	Alphanumeric		49101-9
608006	Clarithromycin Resistance Result	Alphanumeric		88509-5
HPORG	Organism Identified by Client	Alphanumeric		In Process

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

Supplemental Report:

No

CPT Code Information:

87513

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
PCRID	Identification by PCR	1	87150	No	No, (Bill Only)

Reference Values:

Not applicable