

NEW TEST

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Antimicrobial Susceptibility - Helicobacter pylori

3017744, MA HPYL

Specimen Requirements:

Patient Preparation:

Collect: Actively growing Helicobacter pylori isolate in pure culture.

Specimen Preparation: Transport sealed container with isolate in pure culture on Brucella or Brain heart infusion slant or in frozen glycerol stock. Place each specimen in individually sealed bag.

Transport Temperature: Room temperature

Unacceptable Conditions: Mixed cultures or nonviable organisms

Remarks: Isolate identification and specimen source required.

Stability: Ambient: 72 hours; Refrigerated: Unacceptable; Frozen: 7 days

Methodology: Broth Microdilution

Performed: Sun-Sat

Reported: 5-10 days

Note: The following agents are available for testing: amoxicillin, clarithromycin, levofloxacin, rifabutin, tetracycline. For better recovery, submit isolate as soon as possible. An additional processing fee will be billed for all organisms not submitted in pure culture, as indicated in the specimen requirements.

CPT Codes: 87186

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Susceptibility testing is performed by broth microdilution using custom-made MIC panels and interpreted according to CLSI guidelines.

Reference Interval:

Susceptible, intermediate, or resistant

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.



*A nonprofit enterprise of the University of Utah
and its Department of Pathology*

Effective Date: **August 19, 2024**