
Reporting Title: HER2, Gastroesophageal FISH, Tissue**Performing Location:** Rochester**Ordering Guidance:**

This test is only performed on specimens from patients with primary or metastatic gastroesophageal tumors.

This test is not appropriate if the specimen is derived from primary or metastatic breast carcinoma. See H2BR / *HER2* Amplification Associated with Breast Cancer, FISH, Tissue. If this test is ordered and the laboratory is informed that the specimen is a primary or metastatic breast carcinoma, it will be canceled and automatically reordered by the laboratory as H2BR.

For all other tumor types, order H2MT / *HER2* Amplification, Miscellaneous Tumor, FISH, Tissue. If this test is ordered and the laboratory is informed that the specimen is a primary or metastatic colorectal adenocarcinoma, endometrial serous carcinoma, urothelial carcinoma, or any other non-breast or non-gastroesophageal primary or metastatic tumor, it will be canceled and automatically reordered by the laboratory as H2MT.

This test does not include a pathology consult. If a pathology consultation is requested, order PATHC / Pathology Consultation, and the appropriate testing will be added at the discretion of the pathologist and performed at an additional charge.

Shipping Instructions:

Advise Express Mail or equivalent if not on courier service.

Necessary Information:

1. A pathology report is required for testing to be performed. If not provided, appropriate testing and/or interpretation may be compromised or delayed. Acceptable pathology reports include working drafts, preliminary pathology, or surgical pathology reports.

2. The following information must be included in the report provided:

-Patient name

-Block number - must be on all blocks, slides, and paperwork

-Date of collection

-Tissue source

-**Fixation used AND time in fixation** (recommended: >6 hours and <72 hours).

3. A reason for testing must be provided. If this information is not provided, an appropriate indication for testing may be entered by Mayo Clinic Laboratories.

Specimen Requirements:

Submit only 1 of the following specimens:

Preferred

Specimen Type: Tissue block

Collection Instructions: Submit a formalin-fixed, paraffin-embedded tumor tissue block. Blocks prepared with alternative fixation methods may be acceptable; provide fixation method used.

Acceptable

Specimen Type: Tissue slides

Slides: 1 Hematoxylin and eosin stained and 4 unstained

Collection Instructions: Submit 1 slide stained with hematoxylin and eosin and 4 consecutive, unstained, positively

Test Definition: H2GE

HER2 Amplification Associated with
Gastroesophageal Cancer, FISH, Tissue

charged, unbaked slides with 5-micron-thick sections of the tumor tissue. Slides cut from blocks prepared with alternative fixation methods may be acceptable; provide fixation method used.

Forms:

If not ordering electronically, complete, print, and send a [Oncology Test Request](#) (T729) with the specimen.

Specimen Type	Temperature	Time	Special Container
Tissue	Ambient (preferred)		
	Refrigerated		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
H2GE	GC030	Reason for Referral	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
603085	Result Summary	Alphanumeric		50397-9
603086	Interpretation	Alphanumeric		69965-2
603087	Result	Alphanumeric		62356-1
GC030	Reason for Referral	Alphanumeric		42349-1
603088	Specimen	Alphanumeric		31208-2
603089	Source	Alphanumeric		85298-8
603090	Tissue ID	Alphanumeric		80398-1
603091	Fixative	Alphanumeric		8100-0
603092	Method	Alphanumeric		85069-3
603093	Additional Information	Alphanumeric		48767-8
603094	Disclaimer	Alphanumeric		62364-5
603095	Released By	Alphanumeric		18771-6

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

Supplemental Report:

No

CPT Code Information:

88377

Reference Values:

An interpretative report will be provided.