

HER2, Breast, Semi-Quantitative Immunohistochemistry, Manual with HER2 FISH Reflex

Test ID: HERMB

Useful for:

Determining overexpression of HER2 protein on formalin-fixed, paraffin-embedded tissue sections

Reflex Tests:

Test ID	Reporting Name	Available Separately	Always Performed
H2BR	HER2, Breast Tumor, FISH, Tissue	Yes	No

Methods:

Immunoperoxidase Stain with Manual Quantitative Immunohistochemistry (IHC)

Reference Values:

Reported as negative (0, 1+), equivocal (2+), and strongly positive (3+) according to the interpretation guidelines for the US Food and Drug Administration-approved Ventana Pathway HER2 (4B5) antibody.

Specimen Requirements:

Supplies: Pathology Packaging Kit (T554)

Preferred: A paraffin-embedded tissue block containing breast cancer tissue that has been fixed in 10% neutral buffered formalin within 1 hour from surgical collection time and for a total of 6 to 72 hours.

Acceptable: 5 Unstained sections containing breast carcinoma on charged slides cut at 4 microns less than 1 month ago. Tissue on the slides should have been fixed in 10% neutral buffered formalin within 1 hour from surgical collection time and for a total of 6 to 72 hours.

Collection Instructions: Submit paraffin-embedded invasive or metastatic breast carcinoma tissue.

Specimen Stability Information:

Specimen Type	Temperature	Time
Special	Ambient (preferred)	
	Refrigerated	

Cautions:

The performance and quality of immunohistochemical stains in formalin-fixed, paraffin-embedded tissue depends critically on proper fixation.

CPT Code:

88360

Day(s) Performed: Monday through Friday

Report Available: 5 to 15 days

Questions

Contact Gina L. Kahnke, Laboratory Resource Coordinator at 800-533-1710.