

HER2 Amplification, Miscellaneous Tumor, FISH, Tissue #60655

USEFUL FOR:

- To guide cancer therapy, as patients with *HER2* amplification may be candidates for Herceptin therapy
- To confirm the presence of *HER2* amplification in cases with 2+ (low-level) or 3+ (high-level) *HER2* protein overexpression by immunohistochemistry

METHODOLOGY: Fluorescence in situ hybridization (FISH)**REFERENCE VALUES:** An interpretative report is provided.**SPECIMEN REQUIREMENTS:** Formalin-fixed, paraffin-embedded unknown primary tumor cancer tissue block**NOTE:** Please provide a pathology report with each tissue specimen. The pathology report must include type of fixation used (ie, >6 hours and <48 hours). The laboratory will not reject a specimen that arrives without this information but will hold analysis of the specimen until a pathology report is received.**CAUTIONS:**

- This test is not approved by the FDA and should be used as an adjunct to existing clinical and pathologic information.
- For breast or gastroesophageal tumors, order #81954 "*HER2* Amplification Associated with Breast Cancer, FISH, Tissue" or #60620 "*HER2* Amplification Associated with Gastroesophageal Cancer, FISH, Tissue."
- The prognostic information provided by the *HER2* status of a patient's tumor should not be interpreted in isolation because other prognostic features (eg, lymph node status, tumor size) may be of equal or greater importance in determining the patient's prognosis.

LIST FEE: \$695.60**ANALYTIC TIME:** 11 days**CPT CODE:**

88271 x 2-Molecular cytogenetics (eg, FISH), each probe
88274-Interphase in situ hybridization
88291-Cytogenetics and molecular cytogenetics, interpretation and report

DAY(S) SET-UP: Monday through Friday; 6 a.m.-9 p.m.,
Saturday, Sunday; 6 a.m.-4 p.m.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Marvin H. Anderson, Jr., MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710