

TEST REQUISITION

QUANTITATIVE SERUM HER2/NEU ELISA

Laboratory / Account Information

Date Collected:

Time Collected:

Hospital Account Number:

PATIENT ID #

Laboratory Name/Address

NAME:

ADDRESS:

PHONE:

FAX:

Patient Information

LAST NAME:

FIRST NAME:

DOB:

Gender:

F

M

NAME OF ORDERING PHYSICIAN:

Serum Collection Procedure

SERUM Specimen Collection, Storage and Shipping

- Draw 7.5ml of blood in red-top tube
- Stand at room temperature one hour
- Spin 2,200 rpm X 15 minutes
- Transfer serum (0.3ml +) to transport tube
- Store: Refrigerate and **ship on Wednesday**
- Ship in Styrofoam box with chilled gel pack (refrigerated not frozen)

Causes for Rejection

- Gross Hemolysis or Lipemia

Courier to:

Martell Diagnostic Laboratories, Inc.
2499 Rice Street, Suite 90
Roseville, MN 55113
651-927-7970

Interpretive Information

- Reference Range: 0-12.8 ng/ml (95% of women without detectable cancer).

Clinical Background

The human epidermal growth factor receptor 2 (HER2/neu, ErbB2) proto-oncogene is a transmembrane receptor with an extracellular domain (ECD) and intracellular tyrosine kinase activity. HER2/neu is overexpressed or amplified in approximately 20% of invasive primary breast cancers and a significantly higher proportion of MBC, as measured by immunohistochemistry or fluorescence in situ hybridization. HER2/neu is associated with more aggressive disease. The ECD of HER2/neu is released into the circulation, and can be measured in serum (sHER2/neu) by ELISA, an immunoassay, HERTEST.