

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB** 10/7/1942  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**ERBB2 (HER2/neu) (HercepTest) by Immunohistochemistry, Tissue with Reflex to FISH if 2+**  
ARUP test code 0049178

ERBB2(HercepTest)Rflx to FISH if 2+ 1+ Negative

H=High, L=Low, \*=Abnormal, C=Critical

Controls were run and performed as expected.  
This result has been reviewed and approved by Ana Lucia Ruano, M.D.  
2000 Circle of Hope, RM 3100  
Salt Lake City, UT 84112

**INTERPRETIVE INFORMATION: HercepTest**

**Gastric Specimens:**

The results of the HercepTest by DAKO (Agilent) is interpreted in a semi-quantitative manner. Test is FDA-approved for breast and gastric cancer only, and performed on paraffin-embedded, formalin-fixed tissue. Antibody clone is polyclonal and uses a proprietary detection system.

ARUP Laboratories uses the 2017 CAP recommendations for interpretation of ERBB2 (HER2) protein expression in gastric carcinomas.

Criteria vary according to specimen type. Tissue placed in decalcification solution should be interpreted with caution due to the likelihood of false negative results.

For surgical specimens, positive cases are those with moderate to strong complete, basolateral or lateral membranous reactivity in at least 10 percent of tumor cells (score 3+). Negative cases are defined as a) those with no reactivity or membranous reactivity in less than 10 percent of cells observed (score 0) or b) those with faint, barely perceptible membranous reactivity in at least 10 percent of cells (score 1+). Equivocal cases are those with weak to moderate complete, basolateral or lateral membranous reactivity in at least 10 percent of tumor cells (score 2+).

For biopsy specimens, positive cases are tumor cell clusters (defined as at least 5 cells) with a strong complete, basolateral, or lateral membranous reactivity irrespective of percentage of tumor cells stained (score 3+). Negative cases are defined as a) those with no reactivity or no membranous reactivity in any, or less than 5 clustered tumor cells (score 0) or b) those with a faint or barely perceptible membranous reactivity irrespective of percentage of cells stained (score 1+). Equivocal cases are defined as a tumor cell cluster with weak to moderate complete, basolateral, or lateral membranous reactivity irrespective of percentage of tumor cells stained (score 2+).

For more information refer to CAP guidelines found at CAP.org, or www.jco.org.

Controls stained appropriately.

Percent of Cells/Circumferential 0

Intensity of Staining weak

Homogenous Pattern Non Circum

Fixative Used Formalin

**H=High, L=Low, \*=Abnormal, C=Critical**

Time from Bx to Fixative Not Provided

Duration of Fixation Not Provided

Sample Adequacy Adequate

HER2 Reference Number VS23-27705 C1

HER2 Tissue Source GE junction

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
ERBB2(HercepTest)Rflx to FISH if 2+	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Percent of Cells/Circumferential	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Intensity of Staining	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Homogenous Pattern	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Fixative Used	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Time from Bx to Fixative	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Duration of Fixation	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Sample Adequacy	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HER2 Reference Number	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HER2 Tissue Source	23-354-400070	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, \*=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 23-354-400070  
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