MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report **1-800-533-1710**

Patient Name	Patient ID	Age	Gender	Order #
TEST,IMPLEMENTATION TESTING	321	56	F	R1056569
Ordering Phys Test,Path				**DOB** 05/23/1956
Client Order # R1056569	**Account Information**			**Report Notes**
Collected 11/02/2012 06:00	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 11/02/2012 20:01				

Test	Flag	Results	Unit	Reference Value
HER2 Gastric/Esophageal IHC, Manual			REPORTED 11/02/2012 11:08	
Accession Number		HR12-82		

Material:
1 block SP12-488 B2
Tissue:
A:Testing
Interpretation:
HER2, Immunostain Gastric/Esophageal, Manual:
Source: Esophagus, endoscopic biopsy, block SP12-488 B2
HER2 protein overexpression is positive, score of 3+.
Method: Testing is performed using FDA approved Ventana Pathway HER2 (4B5) rabbit monoclonal primary antibody and a proprietary detection system. All controls show appropriate reactivity.
Scoring:
Scoring is performed according to the following article: Ruschoff J, Dietel M, Baretton G, et al. HER2 diagnostics in gastric cancer-guideline validation and development of standardized immunohistochemical testing. Virchows Arch. Sep; 457 (3):299-307.
Surgical specimens:
Score of 0 is no reactivity or membranous reactivity in <10% of invasive tumor cells. Score of 1+ is faint/barely perceptible membranous reactivity in >or=10% of tumor cells; cells are reactive only in part of their membrane. Score of 2+ is weak to moderate complete, basolateral or lateral membranous reactivity in >or=10% of tumor cells. Score of 3+ is strong complete, basolateral or lateral membranous reactivity in >or=10% of tumor cells.
Biopsy specimens:
Score of 0 is no reactivity or no membranous reactivity in any invasive tumor cells. Score of 1+ is tumor cell cluster with a faint/barely perceptible membranous reactivity irrespective of percentage of invasive tumor cells stained. Score of 2+ is tumor cell cluster with a weak to moderate complete, basolateral or lateral membranous reactivity irrespective of percentage of invasive tumor cells stained. Score of 3+ is tumor cell cluster with a strong complete, basolateral or lateral membranous reactivity irrespective of percentage of invasive tumor cells stained.

SP Signing Pathologist: See Below
Result: 11/2/2012 11:07 Interpreted by: Pathologist X. Test, M.D.
Report electronically signed by Debbie A. Postier
Transcribed by: dap07 11/2/2012 11:07:25

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

Patient Name	Collection Date and Time	Report Status
TEST,IMPLEMENTATION TESTING	11/02/2012 06:00	Final
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* Report times for Mayo performed tests are CST/CDT