



HER2, Gastric/Esophageal, Semi-Quantitative Immunohistochemistry, Manual

Patient ID 321	Patient Name TEST, IMPLEMENTATION TESTING	Birth Date 1956-05-23	Gender F	Age 56
Order Number R1056569	Client Order Number R1056569	Ordering Physician ,	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 02 Nov 2012 06:00		

HER2 Gastric/Esophageal IHC, Manual

Interpretation:

MCR

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 ≥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 ≥10% of tumor cells. Score of 3+ is strong complete, basolateral or lateral membranous reactivity in ≥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.

Accession Number

MCR

HR12-82

Material:

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1 block SP12-488 B2

Tissue:

MCR

A:Testing

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905



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SP Signing Pathologist:

MCR

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

Received: 02 Nov 2012 08:12

Reported: 02 Nov 2012 11:08

QA Environment

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905