

HER2, Breast, Quantitative Immunohistochemistry, Automated

Patient ID C7028846-002026	Patient Name TESTING, HER2NORMAL	Birth Date 1968-09-15	Gender F	Age 45
Order Number R1058942	Client Order Number S-14-123	Ordering Physician ,	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 17 Feb 2014 10:30		

HER2, Breast IHC, Automated

Interpretation:

MCR

HER2, Immunostain:

Source: Breast, right, mastectomy, block S-14-123

 Sample is adequate for evaluation
 HER2 protein overexpression is negative, score of 0.

Fixation: Test results are only valid for non-decalcified paraffin embedded specimens fixed in 10% neutral buffered formalin within 1 hour of acquisition and fixed between 6 and 72 hours. Delay to fixation, under fixation or over fixation fall outside of CAP/ASCO guidelines and may affect these results. Fixation conditions for this specimen were indicated to be within the CAP/ASCO guidelines.

Wolff AC, Hammond ME, Hicks DG, et al. American Society of Clinical Oncology/College of American Pathologists guideline update recommendations for human epidermal growth factor receptor 2 testing in breast cancer. J Clin Oncol. 2013 Nov 1; 31(31):3997-4013.

HER2 Method: Testing is performed using FDA approved Ventana Pathway HER2 (4B5) rabbit monoclonal primary antibody and a proprietary detection system. No expression (HER2 score of 0), low expression (HER2 score of 1+) and high expression (HER2 score of 3+) controls are used. All controls show appropriate reactivity.

Immunohistochemical stained slides are scanned using the Aperio ScanScope instrument. A technologist views the captured digital image and traces around areas of cancer to include at least 75% of the total invasive cancer within the image. The traced areas are analyzed using Aperio software, an FDA 510(k) cleared application for precise measurement of the level of HER2 protein on cell membranes of breast tumor cells. Membrane staining for HER2 protein in breast carcinoma is scored on a 0 to 3+ scale in accordance with CAP/ASCO guidelines. The Aperio data and corresponding slide are reviewed by a pathologist for final interpretation.

Accession Number

MCR

HR14-47

Referring Pathologist/Physician

MCR

Doctor Test Jr., M.D.

Ref Path/Phys Address

MCR

 Methodist Hospital
 200 1st Street SW
 Rochester, MN 55905
 507-266-0740

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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Material:

A. Special Procedure; right breast, mastectomy - block S-14-123:

MCR

Tissue:

A:Special Procedure; right breast, mastectomy - block S-14-123

MCR

SP Signing Pathologist:

2/24/2014 12:11 Interpreted by: Pathologist X. Test, M.D.

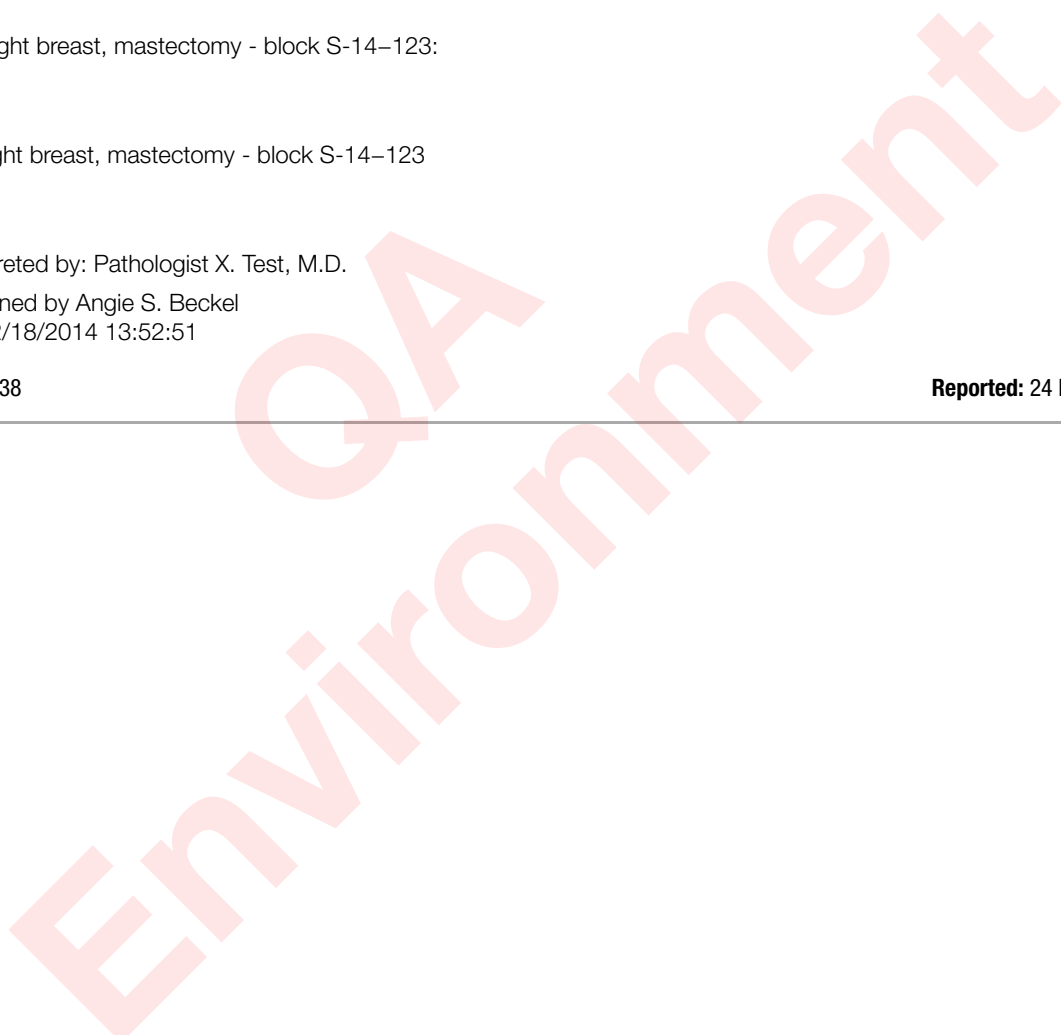
Report electronically signed by Angie S. Beckel

Transcribed by: asa05 2/18/2014 13:52:51

MCR

Received: 18 Feb 2014 13:38

Reported: 24 Feb 2014 12:12



Performing Site Legend

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