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MSH PATHOLOGY & LAB MED

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**Pathology &
Laboratory Medicine**

600 University Avenue
Toronto, Ontario, Canada M5G 1X5
t: 416-586-4457
f: 416-586-8628

Health Card #

Location:

Room:

Physician:

Date of Procedure:

Accession Date:

Date and Time of Report:

PATHOLOGY REFERRED IN
SPECIMEN

DR. BEVERLEY CARTER

2006.02.01

2006.02.01

2006.02.03 17:09

Medical Record #

Visit #:

Last Name:

First Name:

Date of Birth:

Sex:

2006973826

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FINAL SURGICAL PATHOLOGY REPORT**SP-06-1970****Copies To:****Clinical History:**

ER/PR/HER2 assessment

Specimen:

CONSULTATION

Gross Description:

Received from Department of Pathology, St. Clare's Site, is a paraffin block labelled SU1124-06-D from a breast specimen, type and side unspecified.

Microscopic Description:**Estrogen receptor protein:**

% positive cells:

95

Antibody used:

6F11, LSAB procedure

Progesterone receptor protein:

% positive cells:

10

Antibody used:

PGR1294, LSAB procedure

HER2/neu protein:

% positive cells:

0

Staining intensity:

Absent

Antibody used:

A0485, LSAB procedure

% positive cells:

0

Staining intensity:

Absent

Antibody used:

TAB250/CB11 cocktail, LSAB procedure

Threshold for positive ER/PR result: staining of any intensity in >1% invasive tumour cells

Threshold for positive HER2 result: moderate to strong complete membrane staining in >10% invasive tumour cells

Positive and negative laboratory external controls stained appropriately

The normal breast tissue reacted appropriately with the estrogen and progesterone stains

*new
patient*

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FINAL SURGICAL PATHOLOGY REPORT**SP-06-1970****Reference:**

Harvey JM, Clark GM, Osborne CK, et al. Estrogen receptor status by immunohistochemistry is superior to the ligand-binding assay for predicting response to adjuvant endocrine therapy in breast cancer. J Clin Oncol. 1999;17:1474-81.

DIAGNOSIS:

Breast (specimen type and side unspecified):

- Invasive ductal carcinoma, no special type
- Positive for estrogen receptor protein
- Positive for progesterone receptor protein
- Negative for HER2/neu protein over expression

A handwritten signature in black ink, appearing to read 'Brendan Mullen', written over a horizontal line.

BRENDAN MULLEN, MD, FRCPC, PATHOLOGIST