



SUMMIT PATHOLOGY
Offices located at Poudre Valley Hospital
1024 South Lemay Avenue
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J. Andersen, MD	A. Libby, MD	C. Salisbury, MD
S. Alam, MD	D. Long, MD	J. Stefka, MD
P. Haberman, MD	C. Murphy, MD	M. Walts, MD
W. Hamner, MD	C. Nerby, MD	H. Worcester, MD

ABNORMAL
SURGICAL PATHOLOGY REPORT

Patient: ALLEY, TIFFANY C

Med Rec#: 3149921 PV: 178487117

DOB: 12/22/1966 Age: 53 Sex: F

Physician(s):

SKORBERG CHRISTINE MD POUDE VALLEY HOSPITAL

Attn: AMY HAYES, MD, GEOFFREY CAPES

Accession #: 12120888

Date Collected: 06/26/2020

Date Received: 06/26/2020

Date Reported: 06/29/2020

Test Requested: PVH Surgical

Result ID: VS20-02852

FINAL DIAGNOSIS:

BREAST, RIGHT, STEREOTACTIC-GUIDED NEEDLE BIOPSY FOR CALCIFICATIONS, LOWER INNER QUADRANT, POSTERIOR DEPTH:

1. DUCTAL CARCINOMA IN SITU, AT LEAST INTERMEDIATE GRADE, PREDOMINANTLY CLINGING GROWTH PATTERN WITH COMEDO TYPE NECROSIS AND MICROCALCIFICATIONS.
2. DUCTAL CARCINOMA IN SITU INVOLVES MULTIPLE TISSUE CORES AND MEASURES UP TO 4.0 MM IN GREATEST LINEAR EXTENT.
3. NO DEFINITIVE FEATURES OF INVASIVE MALIGNANCY ARE IDENTIFIED.

COMMENT:

DUCTAL CARCINOMA IN SITU BREAST PROGNOSTIC MARKER PANEL

BLOCK TESTED: A1

ESTROGEN RECEPTOR (SP1): POSITIVE, 50%, INTENSITY 2+.

PROGESTERONE RECEPTOR (1E2): POSITIVE, 2%, INTENSITY 1+.

Tissue fixation is in 10% formalin the duration of fixation is between 6 and 72 hours. Positive and negative controls react satisfactorily. The immunohistochemical stains are used for clinical purposes.

Estrogen receptor (ER) and progesterone receptor (PR) require 1% or greater nuclear staining to be considered positive. Intensity of ER and PR staining is based on a scale of 0 (negative) to 3 (most intense). These tests were developed and their performance characteristics validated by Summit Pathology.

This laboratory is regulated under the Clinical Laboratory Improvement Amendments of 1988 (CLIA) as qualified to perform high complexity clinical testing.

Summit Pathology meets or exceeds all of the ASCO/CAP guidelines for estrogen receptor and progesterone receptor testing. The most recent ASCO/CAP guidelines are utilized for these assessments: (Arch Pathol Lab Med. 2018;142:1364-1382; doi: 10.5858/arpa.2018-0902-SA, Her2) and Arch Pathol Lab Med. 2020;144(5):545-563, ER/PR.

Arlene Libby, MD
Pathologist, Electronic Signature

Clinical History: Right breast stereotactic-guided needle core biopsy: Calcifications lower inner quadrant, posterior depth. Cassette contains cores with calcs. BI-RADS 4.

Submitted Clinical ICD10 Codes: R92.0

GROSS DESCRIPTION:



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Received in a formalin filled bottle/container, which has been verified to belong to patient: ALLEY, TIFFANY C and labeled "right breast stereotactic guided core needle biopsy" is a plastic tissue cassette containing 2 fragmented yellow-tan needle core biopsies aggregating to 1.4 x 0.9 x 0.2 cm. Free floating in the container are 2 additional core biopsies averaging 0.4 cm in diameter and measuring 0.4 and 1.2 cm in length. The specimen is submitted entirely as follows:

Cassette Summary:

A1: Cores from cassette

A2: Free-floating tissue cores

In formalin: 858

Out of formalin: 1822

All dates 6/26/20

MICROSCOPIC DESCRIPTION:

Sections demonstrate numerous duct spaces with markedly attenuated cells. Grading is somewhat limited by the attenuation of the cells. Scattered duct spaces demonstrate layering of cells with a minimal micropapillary growth pattern. Immunohistochemical stains are performed with appropriate controls. Cytokeratin 5/6 demonstrates a scattered mixed staining pattern, and a HER-2/neu stain demonstrates over-expression, 3+.

NOTE: The immunoperoxidase tests utilized in this examination were developed and their performance characteristics determined by the laboratory at Summit Pathology. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA) as qualified to perform high complexity clinical laboratory testing.

CPT Code(s): 88360 x3, 88305, 88342

Specimen grossed and processed at: Summit Pathology 5802 Wright Dr., Loveland, CO, 80538

Specimen interpreted at: Poudre Valley Hosp 1024 S Lemay, Fort Collins, CO 80524