


# Anatomy of a Comprehensive Laboratory Report



## BREAST CANCER COMPREHENSIVE REPORT

**PATIENT INFORMATION**

NAME: Doe, Jane  
AGE: 42 DOB: 01/01/1973  
MEDICAL RECORD: 123456

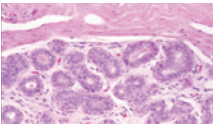
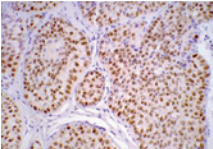
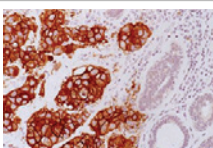
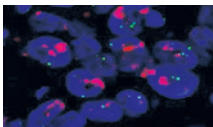
**PHYSICIAN INFORMATION**

PHYSICIAN: Dr. Jones  
ACCOUNT: ABC Lab  
ADDRESS: 123 Main Street, San Diego, CA

**ACCESSION # A11-12345**

COLLECTED: 12/06/2018  
RECEIVED: 12/07/2018  
REPORTED: 12/08/2018

**CLINICAL DATA:** 42 year old female who was found to have a mass (or calcifications) on physical exam (or mammography). Stereotactic core biopsy revealed malignancy. Mass detected on left breast.

RESULTS	IMAGE
<p><b>SURGICAL:</b> S15-00123</p> <p><b>Diagnosis:</b> Breast, Invasive Ductal Carcinoma</p>	 H&E
<p><b>IMMUNOHISTOCHEMICAL ANALYSIS:</b> IHC15-000456</p> <p><b>ER Results:</b> Estrogen receptor status is POSITIVE with a score of 85. A score above the cutoff value of 10.5 is considered positive.</p> <p><b>PR Results:</b> Progesterone receptor status is POSITIVE with a score of 32. A score above the cutoff value of 29.8 is considered positive.</p> <p><b>Method:</b> Estrogen receptor (ER) and progesterone receptor (PR) expression is measured using fluorescent immunohistochemistry analysis in accordance with CAP/ASCO Guidelines. Receptor expression is detected by binding of a monoclonal rabbit anti-human ER antibody (clone SP1) or a monoclonal mouse anti-PR antibody (clone 16) followed by a fluorescent detection with a secondary antibody. External positive and negative tissue controls and a negative reagent control are stained and analyzed for each tissue specimen.</p>	 ER   PR
<p><b>HER2 BY FISH:</b> FSH15-000789</p> <p><b>Results:</b> HER2 FISH: POSITIVE for HER2 gene amplification. nuc ish 17cen(D17Z1x1-8),17q11.2(HER2x3-25)[40] HER2 signals: 268 Centromere 17</p>	 PR

JOHN SMITH, MD  
Final report electronically signed on 12/08/2018 at 11:21 AM

ABC Lab
A11-12345
Medical Director: John Smith, MD  
CLIA ID# 01D100111

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