

The Wood cell model originates from an infiltrating ductal and lobular carcinoma of the breast.



| <i>PRODUCT NAME</i>    | <i>CATALOG NUMBER</i> | <i>SIZE</i>                  |
|------------------------|-----------------------|------------------------------|
| Wood Breast Cell Model | CB-0401               | 1 Million Cells per Cryovial |



### CELL LINE CHARACTERIZATION

#### STR PROFILE

|         |        |         |        |
|---------|--------|---------|--------|
| AMEL    | X      | D7S820  | 10, 11 |
| CSF1PO  | 11, 13 | D8S1179 | 12, 13 |
| D13S317 | 9, 14  | FGA     | 24, 26 |
| D16S539 | 12, 13 | Penta D | 11, 13 |
| D18S51  | 13, 15 | Penta E | 13, 14 |
| D21S11  | 29, 31 | TH01    | 7, 9   |
| D3S1358 | 14, 18 | TPOX    | 9, 11  |
| D5S818  | 11, 12 | vWA     | 18     |

#### GENE MUTATIONS

| Gene | Alteration    | Frequency (%) | Exon | Result                                   |
|------|---------------|---------------|------|--|
| EGFR | E424Q         | 45            | 6    | Mutated, Variant of Unknown Significance |
| MYC  | Amplification | -             | -    | -  |

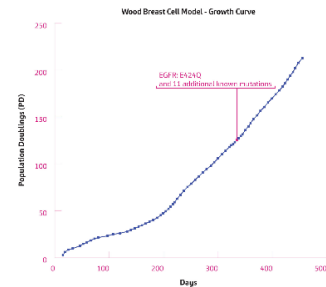


**PATIENT PROFILE**

|                           |   |                              |               |
|---------------------------|---|------------------------------|---------------|
| <b>Disease Area</b>       | Cancer  | <b>TNM Stage</b>             | T2N0M0        |
| <b>Tissue Type</b>        | Breast  | <b>Staging Group</b>         | IIA           |
| <b>Clinical Diagnosis</b> | Infiltrating ductal and lobular carcinoma of the breast | <b>Country of Collection</b> | United States |
| <b>Age</b>                | 65-69   | <b>Year of Origin</b>        | 2013          |
| <b>Sex</b>                | Female  | <b>BMI</b>                   | 33.98         |
| <b>Race</b>               | Caucasian   |                              |               |

**WOOD GROWTH CHARACTERISTICS**

The historical growth curve of Wood demonstrates consistent growth and highlights the lack of cell crisis. This graph also demonstrates that it is a continuous cell line, which was accomplished without genetic engineering.



**CELL LINE PROTOCOL**

See <https://www.cellariabio.com/product/wood-cell-model/> for detailed Protocol

**Thawing and Plating Instructions:** See Certificate of Analysis for lot-specific details

**STORAGE AND SAFETY**

**Storage and Stability:** Store frozen in liquid nitrogen.

**Quality Control:** All lots are tested for microbial and viral contamination, cell line cross-contamination, mycoplasma, and consistent growth capabilities. See Certificate of Analysis for further details.