

Product sheet

MDA-MB-415 | 305129

General Information

<b>Description</b>	MDA-MB-415 is a cell line derived from a 41-year-old African American female with metastatic breast cancer. The cell line is characterized by its ability to form mammary gland-like structures in culture and its high tumorigenicity in nude mice. It is a highly metastatic cell line, with a high frequency of lung metastases. The cell line is characterized by its ability to form mammary gland-like structures in culture and its high tumorigenicity in nude mice. It is a highly metastatic cell line, with a high frequency of lung metastases.
<b>Organism</b>	Human
<b>Tissue</b>	Breast, Metastatic
<b>Disease</b>	Metastatic Breast Cancer
<b>Metastatic site</b>	Lung, Liver, Bone, Brain
<b>Synonyms</b>	MDA-MB415, MDAMB415, MDA-415, MDA415, MD Anderson-Metastatic Breast-415

Cell Line Characteristics

<b>Age</b>	38 years
<b>Gender</b>	Female
<b>Ethnicity</b>	African American
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

Identification and Safety

<b>Citation</b>	MDA-MB-415 (ATCC CCL-163)   Cytion 305129
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_0621



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**Thawing and Culturing Cells**

1. Thaw the cells rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 5-10 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.
3. Once cells are established, passage them into a new flask when they reach 70-80% confluency.
4. For long-term storage, trypsinize the cells and resuspend in serum-free medium. Aliquot into 1 mL vials and freeze at -150°C.
5. Thaw the vials rapidly in a water bath at 37°C. Seed into a pre-warmed flask with 5-10 mL of medium.
6. Incubate at 37°C with 5% CO<sub>2</sub> until cells are established.
7. Pass the cells into a new flask when they reach 70-80% confluency.
8. For long-term storage, trypsinize the cells and resuspend in serum-free medium. Aliquot into 1 mL vials and freeze at -150°C.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified air

**Flask Coating** None

**Freezing Procedure** Thaw cells rapidly in a water bath at 37°C. Seed into a pre-warmed flask with 5-10 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.

**Shipping Conditions** Cells can be shipped at room temperature for up to 72 hours. For longer shipping, freeze cells at -150°C.

**Storage Conditions** Cells can be stored at room temperature for up to 72 hours. For longer storage, freeze cells at -150°C.

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**Sterility** Cells are provided in a sterile, cryoprotected medium. PCR products are provided in a sterile, cryoprotected medium.