

Product sheet

MDA-MB-415 | 305129

Cell Line

**Description** MDA-MB-415 is a cell line derived from a metastatic site of a breast cancer patient. It is characterized by its high metastatic potential and is commonly used in research related to breast cancer metastasis.

**Organism** Human

**Tissue** Breast

**Disease** Breast Cancer

**Metastatic site** Metastatic

**Synonyms** MDA-MB415, MDAMB415, MDA-415, MDA-415, MD Anderson-Metastatic Breastatic Breastatic-415

Cell Line Characteristics

**Age** 38 years

**Gender** Female

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** Adherent

Cell Line Identification

**Citation** MDA-MB-415 (ATCC CRL-1573) (305129)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0621



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Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in pre-warmed medium.
3. Seed the cells into a pre-warmed medium in a 37°C incubator.
4. Allow the cells to attach to the flask. The medium should be replaced with fresh medium 70%.
5. After 15 days, the cells should be at a density of 8 x 10^5 cells per flask.
6. Harvest the cells into a 300 x 3 mm flask.
7. Harvest the cells into a 10 ml tube.
8. Harvest the cells into a 10 ml tube.

Incubation Atmosphere

37°C, 5% CO2

Flask Coating

Flask coating is not required for this cell line.

Freezing Procedure

Freeze the cells in a freezing medium at -80°C.

Shipping Conditions

Ship the cells at -78°C.

Storage Conditions

Store the cells at -150 to -196°C.

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Sterility

The cells are free of mycoplasmas and other contaminants. (PCR) The cells are free of mycoplasmas and other contaminants.