

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 vial rapidly in a water bath at 37 °C. Remove the vial from the water bath and centrifuge at 300 × g for 3 min. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask containing 50 ml of complete medium. Incubate the cells for 24 h to allow them to attach to the flask.
2. After 24 h, check the cells under a microscope. If the cells are not attached, repeat the seeding process.
3. Once the cells are attached, replace the medium with fresh complete medium. Incubate the cells for 37 °C for 24 h.
4. After 24 h, check the cells under a microscope. If the cells are not attached, repeat the seeding process.
5. Once the cells are attached, replace the medium with fresh complete medium. Incubate the cells for 15 h at 37 °C. Seed 8 × 10⁵ cells into a T75 flask containing 50 ml of complete medium.
6. After 24 h, check the cells under a microscope. If the cells are not attached, repeat the seeding process.
7. Once the cells are attached, replace the medium with fresh complete medium. Incubate the cells for 10 h at 37 °C.
8. After 10 h, check the cells under a microscope. If the cells are not attached, repeat the seeding process.

Incubation Atmosphere 37 °C, 5% CO₂

Flask Coating Not required

Freezing Procedure Harvest cells by trypsinization and resuspend in freezing medium. Seed into a cryovial and freeze at -78 °C.

Shipping Conditions Ship at -78 °C.

Storage Conditions Store at -150 °C to -196 °C.

MDA-MB-415 / HLA

Sterility The cells are free of mycoplasmas and other contaminants. PCR testing is available upon request.