

Product sheet

MDA-MB-435S | 300277

Cell Line

Description MDA-MB-435S is a cell line derived from a 33-year-old female patient with a primary tumor in the breast. The cell line is characterized by its high tumorigenicity and ability to form mammary tumors in nude mice. It is a highly metastatic cell line, capable of spreading to various organs, including the lungs, liver, and brain. The cell line is derived from a primary tumor (MDA-MB-435) and is characterized by its high tumorigenicity and ability to form mammary tumors in nude mice. MDA-MB-435S is a cell line derived from a 33-year-old female patient with a primary tumor in the breast. The cell line is characterized by its high tumorigenicity and ability to form mammary tumors in nude mice. It is a highly metastatic cell line, capable of spreading to various organs, including the lungs, liver, and brain. The cell line is derived from a primary tumor (MDA-MB-435) and is characterized by its high tumorigenicity and ability to form mammary tumors in nude mice.

Organism Human

Tissue Breast

Disease Breast cancer

Metastatic site Lung, Liver, Brain

Synonyms MDA-MB-435s, MDA-MB-435 S, MDA-MB-435-S, MDAMB435S, BrCL15

Characteristics

Age 33 years

Gender Female

Ethnicity Caucasian

Morphology Epithelial, Adherent

Growth properties High tumorigenicity

References

Citation MDA-MB-435S (ATCC CCL-15) Cytion 300277

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0622

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Cell Line: MDA-MB-435S

Cell ID: 300277

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L β -mercaptoethanol, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 1.2 g/L NaHCO_3 820400a)

Supplements 5% FBS

Dissociation Reagent Trypsin

Subculturing Cells are cultured in DMEM:Ham's F12 (1:1) supplemented with 5% FBS in T25 flasks. When cells reach 70-80% confluency, they are trypsinized and seeded into fresh T25 flasks with 5% FBS medium.

Fluid renewal 2-3 times per week

Freeze medium DMEM:Ham's F12 (1:1) supplemented with 10% FBS and 10% DMSO

- Thawing and Culturing Cells**
1. Thaw the vial in a 37°C water bath, and transfer the cells to a 15 mL centrifuge tube.
 2. Add 10 mL of DMEM:Ham's F12 (1:1) supplemented with 5% FBS to the tube.
 3. Centrifuge at 300 x g for 3 minutes.
 4. Remove the supernatant and resuspend the cells in 10 mL of fresh DMEM:Ham's F12 (1:1) supplemented with 5% FBS.
 5. Seed the cells into a T25 flask.
 6. Incubate the cells in a 37°C incubator with 5% CO_2 .
 7. Monitor cell growth and perform fluid renewal when needed.
 8. Once cells reach 70-80% confluency, they can be subcultured.

Incubation Atmosphere 37°C, 5% CO_2 , humidified

