

Product sheet

**MDA-MB-435S | 300277**

**Product Information**

**Description** MDA-MB-435S is a cell line derived from a primary mammary carcinoma. It is a highly metastatic, hormone-independent, and HER2/neu-overexpressing cell line. MDA-MB-435S cells are characterized by their ability to form mammary tumors in nude mice and to metastasize to various organs, including the lungs, liver, and brain.

**Organism** Human

**Tissue** Mammary gland

**Disease** Breast cancer

**Metastatic site** Lung, Liver, Brain

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

**Cell Culture**

**Age** 33 days

**Gender** Female

**Ethnicity** Caucasian

**Morphology** Epithelial cells, forming clusters and sheets

**Growth properties** Adherent, slow growing

**Characterization**

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

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0622

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**Culture Medium** DMEM:Ham's F12 (1:1), w: 3.1 g/L / 100 mL, w: 2.5 g/L L-glutamine, w: 15 g/L HEPES, w: 0.5 g/L

**Supplements** FBS 5%

**Dissociation Reagent** Trypsin

**Subculturing** PBS, T25

**Fluid renewal** 2-3

**Freeze medium** (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cryovial in 37°C water bath
  2. Transfer cells to cryovial and store at -150 °C
  3. Thaw cells in 37°C water bath
  4. Centrifuge cells at 300 x g for 3 min
  5. Wash cells with PBS
  6. Resuspend cells in 15 mL DMEM
  7. Seed cells into T25 flask
  8. Incubate cells at 37°C, 5% CO<sub>2</sub>

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

**Flask Coating** None

