

Product sheet

MDA-MB-361 | 305267

General Information

Description	MDA-MB-361 is a cell line derived from a metastatic site of a breast cancer patient. It is characterized by its high tumorigenicity and ability to form mammary xenografts in nude mice. The cell line is highly sensitive to anti-HER2/neu therapy. MDA-MB-361 is a highly tumorigenic cell line derived from a metastatic site of a breast cancer patient. It is characterized by its high tumorigenicity and ability to form mammary xenografts in nude mice. The cell line is highly sensitive to anti-HER2/neu therapy.
Organism	Human
Tissue	Breast, Metastatic
Disease	Breast Cancer
Metastatic site	Metastatic
Synonyms	MDA-MB 361, MDA MB 361, MDA-MB361, MDAMB361, MDA-361, MDA361, MB361, MD Anderson-Metastatic Breast-361

Cell Culture

Age	40 days
Gender	Female
Ethnicity	Caucasian
Morphology	Epithelial
Growth properties	Adherent, High tumorigenicity

Characterization

Citation	MDA-MB-361 (ATCC CCL-222) Cytion 305267
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0620

Product sheet

MDA-MB-361 | 305267

Cell Line - **Characteristics**

Oncogenes Wnt7h+

Cell Line

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L **Glucose**, w: 1.6 mM L-**Asparagine**, w: 15 mM HEPES, w: 1.0 mM **β-Mercaptoethanol**, w: 1.2 g/L NaHCO₃ 820400a)

Supplements **Glucose** 20% FBS, 5 **β-Mercaptoethanol**/μl **β-Mercaptoethanol**

Dissociation Reagent **Trypsin**

Subculturing **Cells** are cultured in **DMEM:Ham's F12** supplemented with **20% FBS** and **5 μl β-Mercaptoethanol** in **T25** flasks. **Cells** are passaged every 3-5 days. **Cells** are harvested by trypsinization and centrifugation. **Cells** are resuspended in **DMEM:Ham's F12** supplemented with **20% FBS** and **5 μl β-Mercaptoethanol**.

Fluid renewal 2 x 3 **DMEM:Ham's F12**

Freeze medium **DMEM:Ham's F12** supplemented with **10% FBS** and **10% DMSO** in **DMEM:Ham's F12** supplemented with **10% FBS** and **10% DMSO**.

- Thawing and Culturing Cells**
1. **Cells** are thawed in a water bath at 37°C. **Cells** are centrifuged at 300 x g for 5 minutes. **Cells** are resuspended in **DMEM:Ham's F12** supplemented with **20% FBS** and **5 μl β-Mercaptoethanol**.
 2. **Cells** are seeded into **T25** flasks. **Cells** are incubated at 37°C in 5% CO₂.
 3. **Cells** are cultured until they reach 70-80% confluency. **Cells** are then passaged.
 4. **Cells** are harvested by trypsinization and centrifugation. **Cells** are resuspended in **DMEM:Ham's F12** supplemented with **20% FBS** and **5 μl β-Mercaptoethanol**.
 5. **Cells** are seeded into **T25** flasks. **Cells** are incubated at 37°C in 5% CO₂.
 6. **Cells** are cultured until they reach 70-80% confluency. **Cells** are then passaged.
 7. **Cells** are harvested by trypsinization and centrifugation. **Cells** are resuspended in **DMEM:Ham's F12** supplemented with **20% FBS** and **5 μl β-Mercaptoethanol**.
 8. **Cells** are seeded into **T25** flasks. **Cells** are incubated at 37°C in 5% CO₂.

