

Product sheet

MDA-MB-436 | 300278

Cell Line

**Description** MDA-MB-436 is a cell line derived from a metastatic site of a breast cancer patient. It is characterized by its high growth rate and ability to form mammary gland-like structures in vivo. The cell line is derived from a patient with a BRCA1 mutation.

**Organism** Human

**Tissue** Mammary gland

**Disease** Breast cancer

**Metastatic site** Mammary gland

**Synonyms** MDA\_MB\_436, MDA MB 436, MDA-Mb-436, MDA-Mb-436, MDA-MB-436, MDAMB436, MDA-436, MDA-436, MDA436, MB436, MD Anderson-Metastatic Breastatic-436

Cell Line Characteristics

**Age** 43 days

**Gender** Female

**Ethnicity** Caucasian

**Morphology** Epithelial cells forming mammary gland-like structures

**Growth properties** High growth rate

Cell Line Identification

**Citation** MDA-MB-436 (ATCC CRL-1573)

**Biosafety level** 1

**NCBI\_TaxID** 9606

XXXXXXXX MDA-MB-436 | 300278

CellosaurusAccession CVCL\_0623

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**Culture Medium** DMEM: DMEM:Ham's F12 (1:1) 3.1 µg/ml/µg/ml XXXXXXXXXXXX 2.5 µg/ml XXXXXXXXXXXX XXXXXXXXXXXX 15 µg/ml XXXXXXXXXXXX XXXXXXXXXXXX (15 µg/ml XXXXXXXXXXXX XXXXXXXXXXXX)

**Supplements** XXX XXXXXX 5% FBS

**Dissociation Reagent** XXXXXXXX

**Subculturing** XX XXXXXXXX XXXXXXXX XXXXXXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX PBS XXXXX XXXXXXXX XXX XXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

**Fluid renewal** 2 XXXX 3 XXXXX XX XXXXXXXX

**Freeze medium** XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXX XXX XXX XXXXX (XXXX XX XXX FBS) + 10% DMSO XX XXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX

- Thawing and Culturing Cells**
1. XXXXX XX XXXXX XXXXXXXXXXXX XXXXXXX XXX XXX XXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX
  2. XXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXX XX XXXXXXX XXXXXXX XXX -150 XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX
  3. XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXXX XXXXXXXXXXXX XXXXXXX XX XXXXXXX XXXXXXX XX XXXXXXX XXXXXXX XXXXXXX XXXXXXX 37 XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX
  4. XXXXXXX XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXXX XXXXXXX XX XXXXXXX XXXXXXX XX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX 70% XX XXXXXXXXXXXX XXXXXXXXXXXX
  5. XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX XXX XXXXXXX XXX 15 XX XXXXXXX XXX 8 XX XX XXX XXXXXXXXXXXX XXXXXXXXXXXX
  6. XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX 300 × XX XXXXXXX 3 XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX XXXXXXXXXXXX
  7. XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXX XXXXXXX XX 10 XX XX XXX XXXXXXX XXXXXXX XXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX
  8. XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXX XXXXXXXXXXX XXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX

**Incubation Atmosphere** 37 XXXXX XXXXXXXXXXXX XX XX XXXXXXX

