

Product sheet

MDA-MB-157 | 305280

Cell Line

Description MDA-MB-157 is a cell line derived from a primary mammary carcinoma. It is characterized by its high tumorigenicity and ability to metastasize. The cell line is widely used in research to study breast cancer biology and drug response.

Organism Human

Tissue Mammary gland

Disease Breast cancer

Metastatic site Lung, Liver, Brain, Bone

Synonyms MDA-MB157, MDAMB157, MDAMB157, MDA-157, MDA157, MB 157, MB157, MD Anderson-Metastatic Breastatic 157

Cell Line Characteristics

Age 44 days

Gender Female

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

Cell Line Identification

Citation MDA-MB-157 (ATCC CCL-157) (305280)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0618

Product sheet

XXXXXXXX MDA-MB-157 | 305280

XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

Surface antigens XXXXXX XXXXX B Rh -

Oncogenes WNT7B +

Tumorigenic XXXXX XX XXXXXXXXXXX XXXXXXXXXXX XXX XXXXXX BALB/C XXXXXXXXXXX XXXXXXXXXXX

Mutational profile XXXXXXXX MSH6, p.Pro42Ser (c.124C>T) XXXXXXXX XXXXXXXXXXX XXXXX MSH6, p.Pro42Ser (c.124C>T) XXXXXXXX XXXXXXXXXXX XXXXX MSH6 p.Pro87fs*53 (c.261_286del26) (p.Ala88Cysfs*52) XXXXXXXX XXXXXXXXXXX

XXXXXXXXXX

Culture Medium DMEM: DMEM:Ham's F12 (1:1) XXX 3.1 XXX/XXXX XXXXXXXXXXX XXX 2.5 XXX XXXXXX XXXXXXXXXXX XXX 15 XXX XXXXXX XXXXXXX (15 XXX XXXXXX XXXXXXX)

Supplements XXX XXXXXX XXX 20% FBS + XXXXXXXXXXX (5 XXXXXXXXXXX/XXX)

Dissociation Reagent XXXXXXX

Subculturing XX XXXXXX XXXXXX XXXXXXX XX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX PBS XXXXX XXXXXX XXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX

Fluid renewal 2 XXXX 3 XXXXXX XXX XXXXXXXXXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXX XXX XXXXXX (XXXX XX XXX FBS) + 10% DMSO XX XXX XXXXXXXXXXX XXX XXXXXX XXXXXXX XXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX

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Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Transfer the cells to a 15 mL centrifuge tube and centrifuge at 300 x g for 3 minutes. Remove 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.
2. Incubate the cells at 37°C in a humidified atmosphere of 5% CO₂.
3. When the cells reach 70% confluence, passage them into a new T75 flask.
4. For passage, trypsinize the cells and resuspend them in 10 mL of complete medium. Seed the cells into a new T75 flask.
5. The cells should reach 70% confluence within 7-10 days.
6. The cells are ready for passage when they reach 70% confluence.
7. The cells are ready for passage when they reach 70% confluence.
8. The cells are ready for passage when they reach 70% confluence.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure Harvest cells at 70-80% confluence and freeze in 1 mL of freezing medium.

Shipping Conditions Ship at 4°C.

Storage Conditions Store at -150°C to -196°C in liquid nitrogen.

MDA-MB-157 / HLA

Sterility The cells are free of mycoplasma contamination. PCR testing is available.