

BC-3C | 305246

Cell Line Information

Description	BC3c is a human breast cancer cell line derived from a 82-year-old female patient with a primary tumor of the breast. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is sensitive to cisplatin and paclitaxel. The cell line is derived from a primary tumor of the breast and is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is sensitive to cisplatin and paclitaxel. The cell line is derived from a primary tumor of the breast and is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is sensitive to cisplatin and paclitaxel.
Organism	Human
Tissue	Breast Tissue
Disease	Breast Cancer
Synonyms	BC3c

Cell Line Characteristics

Age	82 years
Gender	Female
Ethnicity	White
Growth properties	High growth rate, tumorigenic, sensitive to cisplatin and paclitaxel.

Cell Line Identification

Citation	BC-3C (Cell Line) Cytion: 305246
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1958

Cell Line Maintenance

Cell Line Storage

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Culture Medium DMEM 5 ml 3.0 g/l Glucose 2.0 g/l FBS 2.2 g/l NaHCO₃ (pH 7.2)

Supplements 10% FBS

Dissociation Reagent Accutase 20 min 37 °C

Doubling time ~25-30 days

Freeze medium DMEM + 10% DMSO + 10% FBS

Thawing and Culturing Cells

1. Thaw cells in a water bath at 37 °C.
2. Add 10 ml of DMEM + 10% FBS to the cells.
3. Seed cells into a 25 cm² flask.
4. Incubate cells for 24 hours at 37 °C.
5. Add 10 ml of DMEM + 10% FBS to the cells.
6. Seed cells into a 25 cm² flask.
7. Incubate cells for 24 hours at 37 °C.

Incubation Atmosphere 37 °C, 5% CO₂

Shipping Conditions

Cells are shipped in a dry ice container at -78 °C.

Storage Conditions

Cells are stored at -150 °C to -196 °C.

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