

Cell MV3 | 305495

Cell line

Description	Cell line MV3 is a human breast cancer cell line derived from a 76-year-old female patient with metastatic disease. The cell line is characterized by its high growth rate and ability to form mammary xenografts in nude mice. It is a highly invasive cell line that expresses estrogen receptor (ER) and HER2/neu. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor (IGF) and 100 ng/ml hydrocortisone. The cell line is characterized by its high growth rate and ability to form mammary xenografts in nude mice. It is a highly invasive cell line that expresses estrogen receptor (ER) and HER2/neu. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor (IGF) and 100 ng/ml hydrocortisone.
Organism	Human
Tissue	Breast
Disease	Metastatic breast cancer
Metastatic site	Metastatic
Synonyms	MV-3, MV 3

Cell line characteristics

Age	76 years
Gender	Female
Ethnicity	White
Morphology	Epithelial
Growth properties	High growth rate

Cell line identification

Citation	MV3 (Cell line) Cytion: 305495
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_W280

Component	Concentration
DMEM	4.5 g/L
L-Glutamine	4 mM
NaHCO ₃	3.7 g/L
Insulin	1.0 mM
Transferrin	5.0 μg/mL
Selenium	0.1 μg/mL
Cytion 8203	100 ng/mL

**Dissociation
Reagent**

Freeze medium DMEM supplemented with 10% FBS + 10% DMSO (10% FBS) + 10% DMSO (10% FBS) + 10% DMSO (10% FBS) + 10% DMSO (10% FBS)

[illegible]

Product sheet

XXX MV3 | 305495

**Storage
Conditions**

XXXXXXXX XXXX XXXX, XX XXXXX XX XXXXXXXXXXXX XXXXX XXXXX XXXX XX XXX XXXXXXXXXXXX XX -150 XX 196 XXXXX XXXXXXX. XXXXX XXXXX

XXXX XXXXXX XXXXXXX XXXXXXXXXXX

Sterility

XXXXXXXXXXXXXXXX XXXX XXXXXXX XXXXXXX XXXXXXX PCR XXXXXXX XXXXX XXXXXXXXXXX XXXXXXX XXXXXXXXXXXXXXX.

XX XXXXXXX XXXX XXXXX XXXXXXX, XXXXXXX XX XXXX, XXXXXXX XXXXX XXXXXXX XXXXXXX XXXXXXXXXXX XXXXXXX.