

Product sheet

FO-1 (MEL-CLS-1) | 300175

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Description FO-1 (MEL-CLS-1) is a cell line derived from a patient with melanoma. It is characterized by its ability to grow in suspension and its high tumorigenicity. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml hydrocortisone. It is a clonal cell line established from a primary melanoma tumor. The cell line is characterized by its ability to grow in suspension and its high tumorigenicity. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml hydrocortisone. It is a clonal cell line established from a primary melanoma tumor.

Organism Human

Tissue Melanoma

Disease Melanoma

Metastatic site Melanoma

Synonyms MEL-CLS-1, FO-1, MEL-CLS-1, FO-1, MEL-CLS-1

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Age 54 years

Gender Male

Ethnicity Caucasian

Growth properties Suspension

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Citation FO-1 (MEL-CLS-1) (ATCC CCL-130) | 300175

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_5619

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Resuspend in 300 µl of pre-warmed medium.
3. Seed into a 24-well plate (37°C, 5% CO₂). Seed density: 37,000 cells/well.
4. After 24 hours, check for confluency. Confluency should be >70%.
5. Harvest cells after 15 days. Seed density: 8,000 cells/well.
6. Seed into a 24-well plate (300 x 3). Seed density: 300,000 cells/well.
7. Harvest cells after 10 days. Seed density: 10,000 cells/well.
8. Harvest cells after 10 days. Seed density: 10,000 cells/well.

Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

Yes

Freezing Procedure

Freeze cells in a freezing medium at -80°C.

Shipping Conditions

Ship at -78°C.

Storage Conditions

Store at -150°C to -196°C.

HLA

Sterility

Tested for sterility (PCR). Sterility: >10⁶ CFU/g.