





SK-MEL-28 | 300337

Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature.
2. Centrifuge the cells at 300 x g for 3 minutes at 4°C. Remove the supernatant and resuspend the cells in 10 ml of pre-warmed complete medium.
3. Seed the cells into a T75 flask containing 50 ml of pre-warmed complete medium. The cell density should be approximately 1.5 x 10<sup>6</sup> cells per flask.
4. Incubate the cells in a humidified atmosphere of 5% CO<sub>2</sub> at 37°C. The cells should reach 70% confluency within 7-10 days.
5. Once the cells are confluent, they can be used for experiments or passaged into new flasks.
6. For passaging, trypsinize the cells and seed them into a new T75 flask with 50 ml of complete medium.
7. The cells should reach 70% confluency again within 7-10 days.
8. The cells can be cryopreserved for long-term storage.

Incubation Atmosphere

37°C, 5% CO<sub>2</sub>, humidified atmosphere

Flask Coating

Not required

Freezing Procedure

Resuspend cells in 1 ml of freezing medium and seed into a cryovial. Store at -80°C.

Shipping Conditions

Store at -80°C during shipping.

Storage Conditions

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

SK-MEL-28 / SK-MEL-28 / HLA

Sterility

The cells are provided in a sterile, cryoprotected medium. PCR testing is available upon request. The cells are free of mycoplasma contamination.

XXXXXXXX SK-MEL-28 | 300337

XXXXXXXX XXXXXXXXXXXX STRAmelogenin: x/y

**CSF1PO:** 10/12  
**D13S317:** 11/12  
**D16S539:** 9/12  
**D5S818:** 13  
**D7S820:** 10  
**TH01:** 7  
**TPOX:** 8/12  
**vWA:** 16/19  
**D3S1358:** 16/18  
**D21S11:** 28/29  
**D18S51:** 12/16  
**Penta E:** 8/12  
**Penta D:** 9,1  
**D8S1179:** 13  
**FGA:** 19

XXXXXXXX HLA

**A\*:** '11:01:01  
**B\*:** '40:01:02  
**C\*:** '03:04:01  
**DRB1\*:** '04:04:01  
**DQA1\*:** '03:01:01  
**DQB1\*:** '03:02:01  
**DPB1\*:** '03:01:01  
**E:** '01:03:02