

Jiyoye | 300366

Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the vial to touch the bottom of the water bath. Remove the vial from the water bath and wipe the outside with a sterile alcohol swab. Transfer the contents to a pre-warmed 15 mL centrifuge tube.
2. Add 10 mL of pre-warmed complete medium to the tube. Mix gently by pipetting up and down. Centrifuge 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 pre-warmed T25 flask containing 10 mL of pre-warmed complete medium. Gently mix the cells by pipetting up and down. Incubate the cells in a humidified 5% CO₂ incubator at 37°C.
4. After 24 hours, check the cells under a microscope. If the cells are not attached to the flask, they may be dead. Discard the cells and start a new culture.
5. Once the cells are attached, replace the medium with 10 mL of pre-warmed complete medium. Gently mix the cells by pipetting up and down. Incubate the cells in a humidified 5% CO₂ incubator at 37°C.
6. After 24 hours, check the cells under a microscope. If the cells are not attached to the flask, they may be dead. Discard the cells and start a new culture.
7. Once the cells are attached, replace the medium with 10 mL of pre-warmed complete medium. Gently mix the cells by pipetting up and down. Incubate the cells in a humidified 5% CO₂ incubator at 37°C.
8. After 24 hours, check the cells under a microscope. If the cells are not attached to the flask, they may be dead. Discard the cells and start a new culture.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells into a 15 mL centrifuge tube. Add 10 mL of pre-warmed complete medium. Centrifuge 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. Add 10% FBS. Freeze the cells in a liquid nitrogen vapor phase.

Shipping Conditions Dry ice, -78°C

Storage Conditions -150°C, 196 K

Genotype / HLA

Sterility PCR confirmed, mycoplasma free

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██████ HLA

A*: '03:01:01, '74:01:01

B*: '53:01:01, '58:01:01

C*: 04:01:01

DRB1*: 11:02:01, 15:03:01

DQA1*: '01:02:01, '05:05:01

DQB1*: 03:19:01, 06:02:01

DPB1*: '01:01:01, '02:01:02

E: 01:01, 01:03