

A549/DDP | 305047

Subculturing

Remove cells from the well and wash with PBS. Add 1 ml of trypsin solution to the well and incubate for 5 minutes at 37°C. Add 1 ml of trypsin inhibitor solution to the well and incubate for 5 minutes at 37°C. Add 1 ml of trypsin inhibitor solution to the well and incubate for 5 minutes at 37°C.

Fluid renewal

2 × 3 × 10⁶ cells

Freeze medium

Freeze medium: DMEM (10% FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath.
2. Add 10 ml of DMEM (10% FBS) to the well and incubate for 15 minutes at 37°C.
3. Remove the medium and wash the cells with PBS. Add 10 ml of DMEM (10% FBS) to the well and incubate for 37 minutes at 37°C.
4. Add 10 ml of DMEM (10% FBS) to the well and incubate for 70% confluence.
5. Add 15 ml of DMEM (10% FBS) to the well and incubate for 8 days at 37°C.
6. Add 300 × 10³ cells to the well and incubate for 3 days at 37°C.
7. Add 10 ml of DMEM (10% FBS) to the well and incubate for 10 days at 37°C.
8. Add 10 ml of DMEM (10% FBS) to the well and incubate for 10 days at 37°C.

Incubation Atmosphere

37°C, 5% CO₂

Shipping Conditions

Store at -78°C

Storage Conditions

Store at -150 to -196°C

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Sterility

Tested for sterility (PCR) and mycoplasma contamination.