

Sf9 | 604329

Virus susceptibility (MNPV)

Culture Medium

Supplements 2% FBS

Dissociation Reagent

Subculturing 15

Seeding density 1×10^4

Fluid renewal 2

Freeze medium 10% DMSO

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Thawing and Culturing Cells

1. Thaw vial rapidly in a 37 °C water bath. Remove vial and centrifuge at 300 x g for 3 min. Transfer supernatant to a new vial and discard. Resuspend cells in 10 ml of pre-warmed medium. Seed cells into a T25 flask containing 10 ml of pre-warmed medium. Incubate cells for 24 hours at 37 °C in a humidified atmosphere with 5% CO₂. After 24 hours, check for cell attachment. If cells are not attached, repeat the seeding process.
2. Thaw vial rapidly in a 37 °C water bath. Remove vial and centrifuge at 300 x g for 3 min. Transfer supernatant to a new vial and discard. Resuspend cells in 10 ml of pre-warmed medium. Seed cells into a T25 flask containing 10 ml of pre-warmed medium. Incubate cells for 24 hours at 37 °C in a humidified atmosphere with 5% CO₂. After 24 hours, check for cell attachment. If cells are not attached, repeat the seeding process.
3. Thaw vial rapidly in a 37 °C water bath. Remove vial and centrifuge at 300 x g for 3 min. Transfer supernatant to a new vial and discard. Resuspend cells in 10 ml of pre-warmed medium. Seed cells into a T25 flask containing 10 ml of pre-warmed medium. Incubate cells for 24 hours at 37 °C in a humidified atmosphere with 5% CO₂. After 24 hours, check for cell attachment. If cells are not attached, repeat the seeding process.
4. Thaw vial rapidly in a 37 °C water bath. Remove vial and centrifuge at 300 x g for 3 min. Transfer supernatant to a new vial and discard. Resuspend cells in 10 ml of pre-warmed medium. Seed cells into a T25 flask containing 10 ml of pre-warmed medium. Incubate cells for 24 hours at 37 °C in a humidified atmosphere with 5% CO₂. After 24 hours, check for cell attachment. If cells are not attached, repeat the seeding process.
5. Thaw vial rapidly in a 37 °C water bath. Remove vial and centrifuge at 300 x g for 3 min. Transfer supernatant to a new vial and discard. Resuspend cells in 10 ml of pre-warmed medium. Seed cells into a T25 flask containing 10 ml of pre-warmed medium. Incubate cells for 24 hours at 37 °C in a humidified atmosphere with 5% CO₂. After 24 hours, check for cell attachment. If cells are not attached, repeat the seeding process.
6. Thaw vial rapidly in a 37 °C water bath. Remove vial and centrifuge at 300 x g for 3 min. Transfer supernatant to a new vial and discard. Resuspend cells in 10 ml of pre-warmed medium. Seed cells into a T25 flask containing 10 ml of pre-warmed medium. Incubate cells for 24 hours at 37 °C in a humidified atmosphere with 5% CO₂. After 24 hours, check for cell attachment. If cells are not attached, repeat the seeding process.
7. Thaw vial rapidly in a 37 °C water bath. Remove vial and centrifuge at 300 x g for 3 min. Transfer supernatant to a new vial and discard. Resuspend cells in 10 ml of pre-warmed medium. Seed cells into a T25 flask containing 10 ml of pre-warmed medium. Incubate cells for 24 hours at 37 °C in a humidified atmosphere with 5% CO₂. After 24 hours, check for cell attachment. If cells are not attached, repeat the seeding process.
8. Thaw vial rapidly in a 37 °C water bath. Remove vial and centrifuge at 300 x g for 3 min. Transfer supernatant to a new vial and discard. Resuspend cells in 10 ml of pre-warmed medium. Seed cells into a T25 flask containing 10 ml of pre-warmed medium. Incubate cells for 24 hours at 37 °C in a humidified atmosphere with 5% CO₂. After 24 hours, check for cell attachment. If cells are not attached, repeat the seeding process.

Incubation Atmosphere 27°C, 0% CO₂, humidified atmosphere.

Shipping Conditions Cryopreserved cell lines are shipped on dry ice in validated, insulated packaging with sufficient refrigerant to maintain approximately -78 °C throughout transit. On receipt, inspect the container immediately and transfer vials without delay to appropriate storage.

Storage Conditions For long-term preservation, place vials in vapor-phase liquid nitrogen at about -150 to -196 °C. Storage at -80 °C is acceptable only as a short interim step before transfer to liquid nitrogen.

/ / HLA

Sterility The cells are tested for mycoplasma contamination using PCR. The results are available upon request. The cells are also tested for endotoxin contamination. The results are available upon request.