

Product sheet

NRK-49F | 500427

Supplements 10% FBS 1% NEAA

Dissociation Reagent

Subculturing 1. 2-3 days after seeding, when cells reach 70-80% confluency, aspirate the medium and wash cells with PBS. 2. Add 1 ml of dissociation reagent to each well. 3. Incubate for 5-10 minutes at 37°C. 4. Add 1 ml of PBS and pipette up and down to dislodge cells. 5. Centrifuge at 300 x g for 5 minutes. 6. Resuspend cells in 1 ml of PBS. 7. Seed cells into a new well at a density of 10⁴ cells/cm².

Seeding density 2 x 10⁴ cells/cm²

Fluid renewal 2-3 times per week

Freeze medium 1. Aspirate the medium and wash cells with PBS. 2. Add 1 ml of dissociation reagent. 3. Incubate for 5-10 minutes at 37°C. 4. Add 1 ml of PBS and pipette up and down. 5. Centrifuge at 300 x g for 5 minutes. 6. Resuspend cells in 1 ml of PBS. 7. Add 10% DMSO to the cell suspension. 8. Seed cells into a cryovial at a density of 10⁶ cells/vial.

- Thawing and Culturing Cells**
1. Thaw the cryovial in a 37°C water bath. 2. Add 1 ml of PBS and pipette up and down. 3. Centrifuge at 300 x g for 5 minutes. 4. Resuspend cells in 1 ml of PBS. 5. Seed cells into a well at a density of 10⁴ cells/cm². 6. Incubate for 24 hours at 37°C. 7. Aspirate the medium and wash cells with PBS. 8. Add 1 ml of fresh medium. 9. Incubate for 24 hours at 37°C. 10. Aspirate the medium and wash cells with PBS. 11. Add 1 ml of fresh medium. 12. Incubate for 24 hours at 37°C.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Product sheet

NRK-49F | 500427

Freezing Procedure [redacted] -78°C

Shipping Conditions [redacted] -78°C

Storage Conditions [redacted] -150 to 196

[redacted] / [redacted] / HLA

Sterility [redacted]
[redacted]