Product Information Sheet – Tail Tip Fibroblasts

Description: Each vial of cells contains approximately $0.5 \times 10^6$ P2 tail tip fibroblasts, stored frozen in 1mL cryopreservation solution (80% DMEM, 10% FBS, 10% DMSO). The tail tip fibroblasts were allowed to migrate from adult mouse tail that was skinned and minced before plating on a tissue culture plate.

Storage: For short term storage (1-2 weeks), -80°C is suitable. For long term storage, store in liquid nitrogen. Long term storage at -80°C may result in a loss of viability.

Recovering your cells from Cryopreservation: Place the frozen vial of cells in a 37°C water bath until contents are just thawed (2-3 minutes). Sanitize the vial by spraying with 70% ethanol, and quickly transfer the contents of the vial to a tube containing 3mL pre-warmed MEF media (DMEM + 10% FBS, 1x PenStrep), and centrifuge at 300g for 3 minutes. Aspirate the media, taking care not to disturb the cell pellet which, and resuspend the pellet in feeder media.

Plating Recommendation: Tail tip fibroblasts should be plated to gelatinized tissue culture plates and allowed to attach in a 37°C, 5% CO₂ incubator. Each vial of tail tip fibroblasts should reach confluence within 48 hours of being plated to a 60mm tissue culture dish. Confluent plates of tail tip fibroblasts should be split 1:3 every 2-3 days.

Price: $100 per vial.