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UM-SCC-112 | 305720

General information

Culture Medium	DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO ₃ , w: 1.0 mM sodium pyruvate (all from Cytion 820300a)
Supplements	10% FBS 1% NEAA
Dissociation Reagent	Trypsin
Doubling time	24-48 h
Subculturing	Cells are detached by trypsin treatment, washed with PBS, and then treated with Accutase. Cells are then resuspended in medium and seeded at a density of 8-10 x 10 ⁴ cells per well.
Split ratio	1:5
Seeding density	1 x 10 ⁴ - 3 x 10 ⁴ cells/cm ²
Fluid renewal	2-3 times
Freeze medium	DMEM + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells quickly in a water bath at 37°C.
2. Add cells to a pre-warmed medium containing 10% FBS and 1% NEAA.
3. Seed cells into a 96-well plate at a density of 10⁴ cells per well.
4. Incubate cells for 24-48 hours.
5. Perform a cell count and determine the cell viability.
6. Seed cells into a 96-well plate at a density of 10⁴ cells per well.
7. Incubate cells for 24-48 hours.

Product sheet

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Incubation
Atmosphere

37°C, 5%_{CO2}, humidified

Shipping
Conditions

Shipped in a dry ice container at -78°C

Storage
Conditions

Store at -150 to -196 °C in liquid nitrogen

Cell line: UM-SCC-112