

T2 | 305228

Description T2
T2 (174 × CEM.T2) T2 (174 × CEM.T2) 174 × CEM.T2, CEMx721.174.T2

Organism T2

Synonyms T2 (174 × CEM.T2) T2 (174 × CEM.T2) 174 × CEM.T2, CEMx721.174.T2

Morphology T2

Growth properties T2

Citation T2 (305228)

Biosafety level 2

NCBI_TaxID 9606

CellosaurusAccession CVCL_2211

Culture Medium RPMI 1640 2.0 2.0 NaHCO3 (820700a)

Supplements 10% FBS

Subculturing T2

Freeze medium T2 (10% FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed tube.
2. Add 1 mL of complete medium to the tube. Centrifuge at 300 × g for 3 minutes. Remove the supernatant and resuspend the cells in 100 µL of complete medium.
3. Seed the cells into a 96-well plate (37°C, 5% CO₂). Seed 100 µL of the cell suspension into each well.
4. Incubate the cells for 24 hours. The cell density should reach approximately 70% confluency.
5. Harvest the cells by centrifugation at 300 × g for 5 minutes. Resuspend the cells in 150 µL of complete medium.
6. Seed the cells into a 96-well plate (300 × 3 cells per well). Incubate for 24 hours.
7. Harvest the cells by centrifugation at 10 × g for 10 minutes. Resuspend the cells in 100 µL of complete medium.
8. Seed the cells into a 96-well plate (100 µL per well). Incubate for 24 hours.

Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

Not required

Freezing Procedure

Resuspend cells in 100 µL of freezing medium. Seed into a 96-well plate (100 µL per well). Incubate for 24 hours at -78°C.

Shipping Conditions

Store at -78°C. Shipping at -78°C.

Storage Conditions

Store at -150°C to -196°C. Shipping at -150°C to -196°C.

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Sterility

Cells are provided in a sterile, cryoprotected medium. PCR and other applications are possible. Cells are not tested for mycoplasma contamination.