

SCL II | 300497

Thawing and Culturing Cells

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed medium.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 3 minutes at 4°C. Remove the supernatant and resuspend the cells in 100 µl of pre-warmed medium.
3. **Resuspension:** Resuspend the cells in 100 µl of pre-warmed medium. Count the cells and seed into a 96-well plate at 100,000 cells per well.
4. **Seeding:** Seed the cells into a 96-well plate at 100,000 cells per well. Incubate for 24 hours at 37°C, 5% CO₂.
5. **Media Change:** Remove the media and replace with fresh pre-warmed medium. Incubate for 24 hours at 37°C, 5% CO₂.
6. **Harvesting:** Harvest the cells by centrifugation at 300 x g for 3 minutes at 4°C. Wash the cells with PBS and resuspend in 100 µl of PBS.
7. **Storage:** Resuspend the cells in 100 µl of PBS. Add 10% DMSO and store at -80°C.
8. **Quality Control:** Perform PCR genotyping to confirm the identity of the cells.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Resuspend cells in 100 µl of PBS, add 10% DMSO, and store at -80°C.

Shipping Conditions Store at -80°C.

Storage Conditions Store at -150 °C for 196 weeks.

HLA

Sterility PCR genotyping to confirm the identity of the cells.

XXXX SCL II | 300497

XXXXXX STR

Amelogenin: x,y
CSF1PO: 12
D13S317: 8,12
D16S539: 10,11
D5S818: 9
D7S820: 8,12
TH01: 8
TPOX: 8,11
vWA: 15,17
D3S1358: 14
D21S11: 29
D18S51: 17
Penta E: 13
Penta D: 9,13
D8S1179: 12,13
FGA: 26

XXXXXX HLA

A*: 68:02:01
B*: 07:02:01, 07:02:01