

SCL II | 300497

Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 10-15 mL of medium. Incubate at 37°C with 5% CO₂.
3. Monitor the cell growth and confluency. Once the cells reach 70-80% confluency, they can be passaged.
4. Harvest the cells by trypsinization. Seed the cells into a new flask with fresh medium.
5. Repeat the process for subsequent passages.
6. For long-term storage, harvest the cells and freeze them in a cryovial with a cryoprotectant.
7. Store the cryovials at -150°C.
8. Thaw the cells and culture them as described above.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Coated with poly-L-lysine

Freezing Procedure

Harvest cells and freeze in a cryovial with a cryoprotectant at -78°C.

Shipping Conditions

Store at -78°C during shipping.

Storage Conditions

Store at -150°C for up to 196 months.

Genotype / Phenotype / HLA

Sterility

Cells are tested for mycoplasma contamination using PCR.

Cells are tested for endotoxin contamination.

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██████ HLA

A*: 68:02:01

B*: 07:02:01, 07:02:01