

IGR-1 | 300219

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 used for experiments.
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 in a liquid nitrogen vapor phase.
8. Thaw the cells and reseed them into a new flask when needed.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Not required

Freezing Procedure Harvest cells and freeze in a cryovial with a cryoprotectant. Store at -80°C.

Shipping Conditions Ship at -80°C in a dry ice container.

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

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Sterility The cells are provided in a sterile, cryoprotected state. PCR screening is recommended to confirm the identity and purity of the cells.

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HLA

A*: '02:01:01, '03:01:01

B*: '35:01:01, '44:02:01

C*: '04:01:01, '05:01:01

DRB1*: '01:01:01, '04:01:01

DRB4*: 01:01:01:01

DQA1*: '01:01:01, '03:03:01

DQB1*: '03:01:01, '05:01:01

DPB1*: '04:01:01G, '04:02:01G

E: 01:01, 01:06