

HEp-2 | 300397

Thawing and Culturing Cells

1. Thaw the vial immediately in a 37°C water bath. Do not allow the cells to warm to room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a flask containing 10-15 ml of pre-warmed medium. Incubate at 37°C with 5% CO₂.
3. Once cells are attached, replace the medium with fresh pre-warmed medium.
4. When cells reach 70-80% confluency, passage them into a new flask.
5. Use a pipette to transfer 15 ml of medium from the old flask to the new flask.
6. Add the cells to the new flask and add 3 ml of fresh medium.
7. Incubate the cells at 37°C with 5% CO₂ until they reach 70-80% confluency.
8. Pass the cells into a new flask when they reach 70-80% confluency.

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

Flask Coating None

Freezing Procedure Harvest cells at 70-80% confluency. Wash with PBS. Add 1 ml of freezing medium. Freeze at -80°C.

Shipping Conditions Ship at -80°C.

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

Genotype / HLA

Sterility

HEp-2 cells are free of mycoplasmas, PCR detectable. HEp-2 cells are free of endotoxins.