

CD34⁺ B-LCL-CDG7 | 302018

Thawing and Culturing Cells

1. **Thawing:** Thaw the cryovials rapidly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed cell culture flask containing 10 mL of pre-warmed cell culture medium.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 5 minutes at 4°C. Remove the supernatant and resuspend the cell pellet in 1 mL of pre-warmed cell culture medium.
3. **Resuspension:** Resuspend the cells in 10 mL of pre-warmed cell culture medium. Seed the cells into a pre-warmed cell culture flask containing 10 mL of pre-warmed cell culture medium.
4. **Seeding:** Seed the cells into a pre-warmed cell culture flask containing 10 mL of pre-warmed cell culture medium. The final cell concentration should be approximately 1.5 x 10⁶ cells/mL.
5. **Incubation:** Incubate the cells in a humidified CO₂ incubator at 37°C with 5% CO₂. The cells should be monitored daily for adherence.
6. **Media Change:** After 24 hours, remove the media and replace with fresh pre-warmed cell culture medium. The media should be replaced every 48 hours.
7. **Expansion:** Once the cells have reached confluence, they can be expanded by seeding into a larger flask. The cells should be monitored daily for adherence.
8. **Passaging:** When the cells reach confluence, they can be passaged into a new flask. The cells should be monitored daily for adherence.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

CD34

Freezing Procedure

Resuspend the cells in 1 mL of freezing medium. Seed the cells into a pre-cooled cryovial containing 1 mL of freezing medium. Freeze the cells in a controlled rate freezer at -1°C/min to -80°C.

Shipping Conditions

Store the cryovials at -80°C. Ship the cryovials in a dry ice container to the recipient.

Storage Conditions

Store the cryovials at -150°C for up to 196 weeks. The cells should be monitored for viability upon thawing.

CD34⁺ B-LCL-CDG7 / CD34⁺ B-LCL-CDG7 / HLA

Sterility

The cells are provided as a sterile suspension in cell culture medium. The cells are not tested for mycoplasma contamination. The cells are not tested for endotoxin contamination. The cells are not tested for viral contamination.

██████B-LCL-CDG7 | 302018

██████ HLA

A*: '01:01:01, '11:01:01

B*: '35:01:01, '51:01:01

C*: '01:02:01, '04:01:01

DRB1*: '07:01:01, '09:01:02G

DQA1*: '02:01:01, '03:02:01

DQB1*: '02:02:01, '03:03:02

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

E: 01:01:01