

EBV B-LCL-HROC117 (Bc HROC117) | 302024

Viruses EBV

Media

Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Subculturing

1:5

Freeze medium

Freeze medium: RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a), 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath. Transfer cells to a pre-warmed medium.
2. Centrifuge cells at 300 x g for 3 minutes. Resuspend cells in 10% FBS medium.
3. Seed cells into a T25 flask with 37 mL of 10% FBS medium.
4. Allow cells to recover in 10% FBS medium for 24 hours.
5. After 24 hours, replace the medium with fresh 10% FBS medium.
6. Once cells are established, replace the medium with fresh 10% FBS medium.
7. When cells reach confluence, replace the medium with fresh 10% FBS medium.
8. For expansion, seed cells into a T75 flask with 37 mL of 10% FBS medium.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure

Freezing procedure: Seed cells into a T25 flask with 37 mL of 10% FBS medium. Harvest cells at 78°C.

