

HEK293T BALL-1 | 305084

HEK293T

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

Supplements 10% FBS

Doubling time 48 - 72 hours

Subculturing 1:5

Seeding density 500,000 - 5,000,000 cells

Fluid renewal 2 - 3 times

Freeze medium DMEM (10% FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath.
2. Transfer the cells to a pre-warmed tube containing 5 ml of DMEM + 10% FBS. Centrifuge at 300 x g for 3 minutes.
3. Resuspend the cells in 1 ml of DMEM + 10% FBS. Seed into a 15 cm² flask containing 8 ml of DMEM + 10% FBS.
4. Incubate the cells in a humidified CO₂ incubator at 37°C.
5. Once the cells have reached confluence, they can be used for transfection or other applications.
6. For long-term storage, harvest the cells and resuspend in 1 ml of DMEM + 10% FBS + 10% DMSO. Store at -80°C.
7. For subculturing, harvest the cells and resuspend in 1 ml of DMEM + 10% FBS. Seed into a 15 cm² flask containing 8 ml of DMEM + 10% FBS.
8. Repeat the process for subsequent passages.

Incubation Atmosphere 37°C, 5% CO₂

