


Product sheet


HEK293T | 400169

Reverse transcriptase 




Culture Medium NCTC-135 ()

Supplements  10% FBS


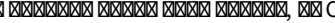
Dissociation Reagent 

Subculturing 

Seeding density 1×10^4 

Fluid renewal 2  3 

Post-Thaw Recovery 

Freeze medium  (FBS) + 10% DMSO 

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Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed T25 flask containing 10 ml of complete DMEM medium.
2. Incubate the cells in a humidified incubator at 37°C with 5% CO₂. Do not disturb the cells for 24 hours.
3. After 24 hours, check the cells under a microscope. They should be attached to the flask and show a typical epithelial morphology.
4. Once the cells are attached, change the medium to fresh complete DMEM medium. Remove the old medium and wash the cells with PBS.
5. Seed the cells into a new T25 flask with 10 ml of complete DMEM medium. The cells should reach 70-80% confluency within 2-3 days.
6. When the cells reach 70-80% confluency, they can be used for transfection or passaged into a new flask.
7. For passaging, trypsinize the cells and resuspend them in 10 ml of complete DMEM medium. Seed them into a new T25 flask.
8. The cells should reach 70-80% confluency within 2-3 days. They can then be used for transfection or passaged again.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Not required

Freezing Procedure

For long-term storage, seed cells into a T25 flask and reach 70-80% confluency. Harvest cells into a 15 ml centrifuge tube and centrifuge at 300 x g for 3 minutes. Wash the cell pellet with PBS. Resuspend the cells in 1 ml of freezing medium (DMEM + 10% FBS + 10% DMSO) and transfer to a cryovial. Store at -80°C.

Shipping Conditions

Store at -80°C. Ship on dry ice in a cool box.

Storage Conditions

Store at -150°C for up to 196 days. Thaw quickly in a 37°C water bath.

HEK293T / HEK293T / HLA

Sterility

The cells are provided as a suspension in complete DMEM medium. They are not tested for mycoplasma contamination. PCR testing is recommended. The cells are not tested for endotoxins. The cells are not tested for viruses.