

HEK293T (HeLa) | 300139

Tumorigenic No, not tumorigenic

Viruses Adenovirus, HSV-1, MHV (Merkel cell polyomavirus)

Virus susceptibility Adenovirus 1, 2, 3, Adenovirus 3, Adenovirus 4 (Adenovirus)

Reverse transcriptase No

Products No

Media

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Cytion 820100a)

Supplements 10% FBS 1% NEAA

Dissociation Reagent Trypsin

Subculturing Cells are cultured in EMEM medium supplemented with 10% FBS and 1% NEAA in T25, 3-5 flasks in 75 cm² flasks, 3 flasks. Cells are harvested by trypsinization and centrifugation. Cells are resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA.

Seeding density 1 x 10⁴ cells/cm² (4 flasks)

Fluid renewal 2-3 times per week

Post-Thaw Recovery Cells are thawed in a 37°C water bath and resuspended in EMEM medium supplemented with 10% FBS and 1% NEAA. Cells are seeded into a 24-well plate.

Freeze medium EMEM medium supplemented with 10% FBS + 10% DMSO (Cytion FBS) + 10% DMSO (Cytion DMSO) + 10% FBS + 10% DMSO (Cytion FBS) + 10% DMSO (Cytion DMSO)

HEK 293T (HeLa) | 300139

Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend in 10 ml of fresh medium.
3. Seed the cells into a 15 cm² flask with 8 ml of medium.
4. Incubate at 37°C in 5% CO₂ until cells reach 70% confluency.
5. Harvest cells by trypsinization.
6. Seed cells into a 10 cm² flask with 10 ml of medium.
7. Incubate at 37°C in 5% CO₂ until cells reach 70% confluency.
8. Harvest cells by trypsinization.

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

Flask Coating Not applicable

Freezing Procedure Harvest cells by trypsinization and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C.

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

HEK 293T / HEK 293T / HLA

Sterility HEK 293T cells are not PCR negative. HEK 293T cells are not mycoplasma free.

██████████ (HeLa) | 300139

██████████ HLA

A*: '68:02:01

B*: 15:03:01

C*: 12:03:01

DRB1*: 01:02:01

DQA1*: 01:01:02

DQB1*: 05:01:01

DPB1*: 01:01:01

E: 01:03:02