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XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXXXXX

Product sheet

HEK 293T (HeLa) | 300139

Tumorigenic Yes, Yes (HeLa)

Viruses Adenovirus, HSV-1, HIV-1 (HeLa)

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

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 No

Subculturing Cells are grown in 25 cm² flasks in EMEM medium supplemented with 10% FBS. Cells are harvested by trypsinization with 0.25% trypsin/EDTA solution. Cells are resuspended in EMEM medium supplemented with 10% FBS and seeded into new flasks.

Seeding density 1 x 10⁴ cells per flask

Fluid renewal 2-3 times per week

Post-Thaw Recovery Cells are thawed in 37°C water bath and seeded into 25 cm² flasks in EMEM medium supplemented with 10% FBS.

Freeze medium EMEM medium supplemented with 10% FBS and 10% DMSO

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Thawing and
Culturing Cells

1. Thaw the vial quickly in a water bath at 37°C. Remove the vial and transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 15 ml of pre-warmed medium.
3. Seed the cells into a T25 flask containing 10 ml of pre-warmed medium.
4. Incubate the cells at 37°C in 5% CO₂ atmosphere.
5. When the cells reach 70% confluence, passage them into a new flask.
6. The cells can be stored in liquid nitrogen for long-term storage.
7. The cells can be used for various applications, including cell-based assays and drug screening.
8. The cells are certified to be free of mycoplasma contamination.

Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Not required

Freezing
Procedure

Cells are frozen in a freezing medium and stored in liquid nitrogen at -78°C.

Shipping
Conditions

Cells are shipped in a dry ice container and stored at -78°C.

Storage
Conditions

Cells are stored in a liquid nitrogen container at -150°C for up to 196 weeks.

Sterility

Cells are certified to be free of mycoplasma contamination. PCR testing is performed on all cell batches. The results are available upon request.

Product sheet

XXXX XXXX X' XXXX (HeLa) | 300139

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	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