

HEK293T RPMI 8226 | 300431

Thawing and Culturing Cells

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed (37°C) complete medium.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 3 minutes at 4°C. Remove the supernatant and resuspend the cells in 10 ml of complete medium.
3. **Seeding:** Seed the cells into a T25 flask containing 50 ml of complete medium. The seeding density should be approximately 1.5 x 10⁶ cells per flask.
4. **Medium Change:** After 24 hours, replace the medium with fresh complete medium to reach 70% confluency.
5. **Passaging:** When cells reach 70-80% confluency, passage them into a new T25 flask using trypsin-EDTA.
6. **Freezing:** For long-term storage, harvest cells into a 300 x g microcentrifuge tube and resuspend in 1 ml of freezing medium.
7. **Storage:** Store the cells at -80°C in a vapor phase of liquid nitrogen.
8. **Thawing:** Thaw the vial rapidly in a 37°C water bath and follow the same procedure as above.

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

Flask Coating None

Freezing Procedure Harvest cells into a 300 x g microcentrifuge tube and resuspend in 1 ml of freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C in a vapor phase of liquid nitrogen.

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

HEK293T / HEK293T / HLA

Sterility The cells are free of mycoplasma contamination. PCR screening for mycoplasma is recommended.

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XXXXXX STR

Amelogenin: x,x
CSF1PO: 12
D13S317: 11
D16S539: 9
D5S818: 11,13
D7S820: 9,1
TH01: 8
TPOX: 8,11
vWA: 16,18
D3S1358: 16,17
D21S11: 28,29
D18S51: 15,19
Penta E: 16,17
Penta D: 2,2,11
D8S1179: 13
FGA: 19

XXXXXX HLA

A*: '30:01:01, '68:02:01
B*: 15:03:01, 15:10:01
C*: 02:10:01, 03:04:02
DRB1*: 03:01:01, 07:01:01
DQA1*: '02:01:01, '05:01:01
DQB1*: '02:01:01, '02:02:01
DPB1*: '01:01:02G, '13:01:01G
E: '01:01:01, '01:03