

HEK293FT | 305275

Viruses 1×10^6 HEK293FT cells 5×10^6 HEK293FT cells (SV40)

Culture Medium

DMEM $\times 4.5$ g/l / $\times 4$ g/l $\times 3.7$ g/l NaHCO₃ $\times 1.0$ g/l (HEK293FT 820)

Supplements

$10 \times$ FBS.

Dissociation Reagent

Trypsin

Subculturing

HEK293FT cells are cultured in DMEM supplemented with 10% FBS. For subculturing, cells are washed with PBS and trypsinized.

Seeding density

2×10^5 cells / well

Fluid renewal

2 \times medium

Freeze medium

DMEM supplemented with 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath.
2. Add cells to a pre-warmed medium.
3. Incubate cells in a 37°C incubator for 37 hours.
4. Seed cells into a 96-well plate at a density of 70%.
5. Incubate cells in a 37°C incubator for 15 days.
6. Seed cells into a 300 \times 3 mm well plate at a density of 70%.
7. Incubate cells in a 37°C incubator for 10 days.
8. Harvest cells for analysis.

Product sheet

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Incubation Atmosphere 37 \times 10^6 cells per flask, 5% CO₂, humidified atmosphere

Flask Coating Cell culture medium containing 100 ng/ml poly-D-lysine

Freezing Procedure Harvest cells by trypsinization and centrifugation. Wash cells with PBS. Resuspend cells in freezing medium (DMEM, 10% FBS, 10% DMSO) and freeze at -80°C

Shipping Conditions Cells should be shipped on dry ice at -80°C

Storage Conditions Cells should be stored at -150 to -196°C in liquid nitrogen

/ / HLA

Sterility Cells are provided as a suspension in DMEM supplemented with 10% FBS and 100 ng/ml poly-D-lysine. Cells are tested for mycoplasma contamination (PCR) and are found to be free of mycoplasma contamination. Cells are tested for endotoxin contamination and are found to be free of endotoxin contamination.