

Product sheet

HEK293T PLC/PRF/5 | 300315

Culture Medium DMEM 4.5 g/l, Glucose 4.5 g/l, NaHCO₃ 1.0 g/l, Penicillin 100 IU/ml, Streptomycin 100 µg/ml, Fungizone 0.05 µg/ml (820)

Supplements 10% FBS

Dissociation Reagent Trypsin

Doubling time 35-40 hours

Subculturing Seed cells into fresh medium containing 10% FBS. After reaching confluence, wash cells with PBS and dissociate with trypsin.

Split ratio 1:4

Seeding density 1×10^4 cells/cm²

Fluid renewal 2 times per week

Post-Thaw Recovery After thawing, seed cells into fresh medium containing 10% FBS. After 24 hours, replace medium with fresh medium containing 10% FBS.

Freeze medium 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Dilute cells into fresh medium containing 10% FBS.
 3. Seed cells into a 25 cm² flask.
 4. Incubate cells for 24 hours.
 5. Replace medium with fresh medium containing 10% FBS.
 6. Seed cells into a 300 cm² flask.
 7. Incubate cells for 24 hours.
 8. Replace medium with fresh medium containing 10% FBS.

████████ PLC/PRF/5 | 300315

████████ HLA

A*: '03:01:01, '33:03:01

B*: '42:02:01, '53:01:01

C*: '04:01'17:01'17:20

DRB1*: '08:04:01, '13:01:01

DQA1*: '01:03:01, '04:01:02

DQB1*: '03:19:01, '06:03:01

DPB1*: '04:04:20, '18:01

E: '01:01, '01:03