

Product sheet

HEK293T MRC-5 | 300395

Virus susceptibility HEK293T cells are susceptible to Adenovirus 2 (Ad2) (ATCC-19)

Karyotype MRC5 cells have a normal karyotype of 46,XX

HEK293T MRC-5

Culture Medium EMEM (MEM Eagle) 2 mM L-glutamine, 2.2 mM NaHCO₃, EBSS (Gibco 820100a)

Supplements 10% FBS, 1% Penicillin, 1% Streptomycin

Dissociation Reagent Trypsin

Subculturing Cells are grown in DMEM/F12 supplemented with 10% FBS, 1% Penicillin, 1% Streptomycin, and 1% Nystatin. Cells are harvested into PBS.

Freeze medium DMEM/F12 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 for 37 hours.
 4. Harvest cells into a 70% ethanol solution.
 5. Incubate cells for 15 minutes at 8°C.
 6. Wash cells with PBS.
 7. Incubate cells for 10 minutes.
 8. Harvest cells into a 70% ethanol solution.

Incubation Atmosphere 37°C, 5% CO₂

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Flask Coating XX XXX

Freezing Procedure XXX XXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXX XXX XX XXXXXX XXXXXXXX XXXXXXXX XX XXXXX XXXXX XXXXXXXX XXX XXXXX XXXXXXXX-78

Shipping Conditions XXX XXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXX XXX XX XXXXXX XXXXXXXX XXXXXXXX XX XXXXX XXXXX XXXXXXXX XXX XXXXX XXXXXXXX-78

Storage Conditions XXXXXX XXXX XXXXXXXX XX XXXXXXXX XX XXXXXXXX XXXX XX XXXXXX XXXXXXXX XXX XXXXX XXXXXXXX XXXXXXXX XXX -150 X -196 XXXXX XXXXXXX XXXXXXX

XXXXXXXX XXXXXXXX / XXXXXXXX XXXXXXXX / HLA

Sterility XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX XX XX XXXXXXXXXXXX XXXXXXXX XXX XXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX (PCR) XXXXX XXXXXXX XX
XXXXXXXX XXX XXXX XXXXX XXXXXXXX XX XXXXX XX XXXXXX XXX XXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX

- XXXXXXXX HLA** **A***: '02:01:01, '29:02:01
- B***: '07:02:01, '44:02:01
- C***: '05:01:01, '07:02:01
- DRB1***: '04:08:01, '15:01:01G
- DQA1***: '01:02:01, '03:03:01
- DQB1***: '03:01:01, '06:02:01
- DPB1***: '04:01:01
- E**: '01:01:01