

HEK293T MOLT-3 | 300116

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Antigen expression CD1(+), CD5(+), CD7(+), CD11a(+) (ATCC CRL-1573, 1988).

Karyotype 46, XY

HEK293T MOLT-3

Culture Medium RPMI 1640, 2.0 mM L-glutamine, 2.0 mM NaHCO₃ (ATCC 820700a, 820700a)

Supplements 10% FBS

Doubling time 24-48 hours

Subculturing 5-6 days, 5 × 10⁵ cells

Seeding density 0.5 × 10⁵ cells/cm²

Freeze medium 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Dilute cells into pre-warmed culture medium.
 3. Seed cells into a T75 flask.
 4. Incubate cells in a humidified CO₂ incubator at 37°C.
 5. Monitor cell growth and confluency.
 6. Subculture cells when they reach 70-80% confluency.
 7. Use cells for experiments or storage.
 8. Store cells in liquid nitrogen.

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**Incubation
Atmosphere**

37

Flask Coating

**Freezing
Procedure**

-78

**Shipping
Conditions**

-78

**Storage
Conditions**

-150 -196

XXXXXXXX XXXXXXXX / XXXXXXXX XXXXXXXX / HLA

Sterility

(PCR)

XXXXXXXX HLA

A*: '01:01:01, '25:01:01
B*: '18:01:01, '57:01:01
C*: '06:02:01, '12:03:01
DRB1*: '07:01:01, '12:01:01
DQA1*: '02:01:01, '05:05:01
DQB1*: '02:02:01, '03:01:01
DPB1*: '02:01:02
E: '01:01:01 '01:01:01 '01:xx