

SCL II | 300497

Karyotype 46,XX (46,XX,XXYY)

Culture Medium DMEM, w: 4.5 g/l Glucose, w: 4 g/l L-Glutamine, w: 3.7 g/l NaHCO₃, w: 1.0 g/l Penicillin

Supplements 10% FBS

Dissociation Reagent TrypLE Express (10 min)

Doubling time 40-50 hours

Subculturing 1:2-1:5 in DMEM + 10% FBS

Seeding density 1 x 10⁴ - 2 x 10⁵ cells/cm²

Fluid renewal 2-3 times per week

Freeze medium DMEM + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Add 10 ml of DMEM + 10% FBS to the tube.
 3. Centrifuge at 300 x g for 5 min.
 4. Resuspend cells in 1 ml of DMEM + 10% FBS.
 5. Seed cells into a 25 cm² flask.
 6. Incubate at 37°C in 5% CO₂.
 7. Monitor cell growth and confluency.
 8. Harvest cells when 70-80% confluent.

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**Incubation
Atmosphere**

37°C, 5% CO₂, [REDACTED]

Flask Coating

[REDACTED]

**Freezing
Procedure**

[REDACTED]

**Shipping
Conditions**

[REDACTED]

**Storage
Conditions**

[REDACTED] -150 [REDACTED] -196 °C [REDACTED]

/ / HLA

Sterility

[REDACTED] PCR [REDACTED]

[REDACTED] [REDACTED] [REDACTED]

HLA A*: 68:02:01
B*: 07:02:01, 07:02:01