

Product sheet

TM3 | 305167

CellosaurusAccession CVCL_4326

GMO Status Not applicable; not applicable to "wildtype", BALB/c, etc.

XXXXXXXXXX-XXXXXXXXXXXXXXXXXX

XXXXXXXXXX

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/L, w: 2.5 mM L-, w: 15 mM HEPES, w: 0.5 mM, w: 1.2 g/L NaHCO3 820400a)

Supplements 2.5% FBS, 5%

Dissociation Reagent

Doubling time 36-48

Subculturing PBS, T25, 3-5" PBS, 3

Split ratio 1-3

Seeding density 3×10^4

Fluid renewal 2-3

Post-Thaw Recovery 5 x 10^4, 24-48

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 10-15 mL of medium. Incubate at 37°C with 5% CO₂.
3. Monitor the cells for attachment and growth. Change the medium after 24-48 hours.
4. Once the cells are established, passage them into a new flask when they reach 70-80% confluency.
5. For long-term storage, harvest the cells and freeze them in a cryovial with 15% FBS and 8% DMSO.
6. Store the cryovials in a liquid nitrogen vapor phase.
7. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
8. Seed the cells into a pre-warmed flask containing 10-15 mL of medium. Incubate at 37°C with 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating None

Freezing Procedure Harvest cells and freeze in a cryovial with 15% FBS and 8% DMSO. Store in liquid nitrogen vapor phase at -78°C.

Shipping Conditions Store at -78°C. Ship in a dry ice container.

Storage Conditions Store at -150°C for up to 196 weeks.

TM3 / HLA

Sterility The cells are provided as a suspension in a PCR tube. The cells are free of mycoplasmas and other contaminants.