

Product sheet

FS-C3H | 400418

General Information

Description FS-C3H, C3H/HeJ, FS-C3H LPS, FS-C3H Lps

Organism Mice

Tissue Spleen

Disease MRL-*lpr*

Genetics

Breed/Subspecies C3H

Growth properties Inbred

References

Citation FS-C3H (Cytion 400418)

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_5755

Strain Characteristics

Media

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO3, w: 1.0 mM beta-mercaptoethanol (Cytion 82030a)

Supplements 10% FBS

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Dissociation Reagent **Trypsin**

Subculturing **Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized with 0.25% trypsin in PBS, washed with PBS, and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks and grown to confluency. Cells are then passaged into 3 flasks.**

Seeding density **2×10^4 cells/ml**

Fluid renewal **2 or 3 times per week**

Freeze medium **DMEM supplemented with 10% FBS, 10% DMSO (in FBS) + 10% DMSO**

- Thawing and Culturing Cells**
1. **Cells are thawed in a water bath at 37°C and centrifuged at 300 x g for 5 minutes.**
 2. **The supernatant is removed and the cells are resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks.**
 3. **Cells are grown to confluency in DMEM supplemented with 10% FBS. Media is replaced with DMEM supplemented with 10% FBS every 2-3 days.**
 4. **Cells are passaged into 3 flasks when they reach 70% confluency.**
 5. **Cells are grown to confluency in DMEM supplemented with 10% FBS. Media is replaced with DMEM supplemented with 10% FBS every 2-3 days.**
 6. **Cells are trypsinized with 0.25% trypsin in PBS, washed with PBS, and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into 3 flasks.**
 7. **Cells are grown to confluency in DMEM supplemented with 10% FBS. Media is replaced with DMEM supplemented with 10% FBS every 2-3 days.**
 8. **Cells are trypsinized with 0.25% trypsin in PBS, washed with PBS, and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into 3 flasks.**

Incubation Atmosphere **37°C, 5% CO₂**

Flask Coating **None**

Freezing Procedure **Cells are trypsinized with 0.25% trypsin in PBS, washed with PBS, and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into 3 flasks.**

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Shipping Conditions

Store at -78°C

Storage Conditions

Store at -150 to 196 °C

HLA

Sterility

PCR