

Product sheet

Y-1 | 400477

Y-1

Description	Y-1 (Yasumura et al. (1966))
Organism	
Tissue	
Disease	
Synonyms	Y1, Y 1, Y-1, Y1, GM05384

Y-1

Breed/Subspecies	LAF1
Gender	
Morphology	
Growth properties	

Y-1

Citation	Y-1 (Cytion 400477)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_0585

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Products	
Karyotype	

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

Supplements β -MEM 10% FBS

Dissociation Reagent β -MEM

Subculturing Cells are cultured in β -MEM supplemented with 10% FBS. For subculturing, cells are trypsinized with 0.25% trypsin-EDTA, washed with PBS, and resuspended in β -MEM supplemented with 10% FBS. Cells are seeded into new flasks at a density of 1-5 x 10⁵ cells per flask.

Fluid renewal 2-3 times per week

Freeze medium β -MEM supplemented with 10% FBS, 10% DMSO, and 10% C

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Wash cells with PBS to remove DMSO.
 3. Resuspend cells in β -MEM supplemented with 10% FBS.
 4. Seed cells into new flasks at a density of 1-5 x 10⁵ cells per flask.
 5. Incubate cells in a 37°C incubator with 5% CO₂.
 6. Monitor cell growth and confluency.
 7. Perform subculturing when cells reach 70-80% confluency.
 8. Repeat the process for subsequent passages.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating β -MEM

Freezing Procedure Cells are trypsinized, washed with PBS, and resuspended in freezing medium. Cells are seeded into cryovials and frozen at -80°C.

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Shipping Conditions -78°C

Storage Conditions

150 196

/ HLA

Sterility

PCR
150 196