

3T3-L1 | 400107

Description	3T3-L1				3T3 "
	3T3-L1		3T3-L1	3T3-L1	3T3-L1
	3T3-L1				
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	3T3-L1			3T3-L1	

Organism

Tissue

Metastatic site Not applicable (embryonic preadipocyte; non-tumorigenic)

Applications 3T3-L1

Synonyms 3T3 L1 3T3L1 3T3-L1 ad NIH-3T3-L1 NIH3T3-L1

Breed/Subspecies

Age

Gender

Morphology

Cell type Preadipocyte / adipocyte (upon differentiation)

Growth properties

Citation 3T3-L1 Cytion 400107

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Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_0123
GMO Status	No genetic modification; 3T3-L1 is a subclone of the NIH/3T3 line selected for adipogenic differentiation potential; no introduced transgene
Tumorigenic	
Virus susceptibility	N- oncornaviruses C
Products	
Ploidy status	
Karyotype	2n=40
Culture Medium	DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0 Cytion 820300a
Supplements	10% FBS
Dissociation Reagent	Accutase
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5
Split ratio	1 to 5
Seeding density	1 to 3 × 10 ⁴ cells/cm ²
Fluid renewal	Every 2 to 3 days

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Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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Thawing and Culturing Cells					
1.					
2.		-150°C		3	
3.		37°C		40-60	
4.			70%		
5.		8	15		
6.	300 x g	3			
7.	10			T25	T25
8.					

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 ❏ -80 °C

/ /HLA

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Sterility

PCR