

MLE-12 | 305314

Description	MLE-12	C (SP-C)	40 (SV40)	II
	MLE-12	ATP	II	
	MLE-12	SP-C		

Organism

Tissue

Disease

Synonyms	MLE 12, MLE12, Murine Lung Epithelial-12
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Breed/Subspecies	FVB/N-Tg(SFTPC-TAg)5.1Jaw
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Age 5

Gender

Morphology

Cell type

Growth properties

Citation	MLE-12 Cytion 305314
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_3751

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GMO Status	GMO-S1	MLE-12	SV40 T
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Protein expression	B C SP-B SP-C
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Tumorigenic

Viruses	Simian virus 40 (SV40)
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Culture Medium	DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0	Cytion 820300a
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Supplements 10% FBS

Dissociation Reagent	Accutase
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Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Fluid renewal	2
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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

Sterility PCR