

Calu-1 | 300141

Description	Calu-1	NSCLC	47	
	Calu-1		in vitro	7

20

Organism

Tissue

Disease

Metastatic site

Synonyms Calu-1 CALU-1 CALU.1 CALU1 CALU1 CALU1

Age 47

Gender

Morphology

Cell type

Growth properties

Citation Calu-1 (Cytion 300141)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0608

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Protein expression	P53
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Antigen expression	A Rh+ HLA A10 A11 B15 Bw35
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Isoenzymes	Me-2 1-2 PGM3 1 PGM1 1-2 ES-D 1 AK-1 1 GLO-1 1-2 G6PD B	0.0359
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Oncogenes	K-ras
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Karyotype	4	2S	14.2%	62	M1	2	M6	M7	M2	M3	M4	M5
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Culture Medium	EMEM MEM Eagle w 2 mM L-	w 2.2 g/L NaHCO3	w EBSS Cytion	820100a
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Supplements	10% FBS 1% NEAA
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Dissociation Reagent	
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Subculturing	PBS	T25	3-5ml T75	5-10ml PBS	T25	1-2m
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Seeding density	1×10 ⁴ /cm ²	90%
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Fluid renewal	2 3
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Post-Thaw Recovery	4 /2x10 ⁶	24
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Freeze medium	FBS	10 DMSO	CM-1
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Thawing and Culturing Cells				
1.				
2.		-150		3
3.		37		40 60
4.	70			
5.		8ml	15ml	
6.	300 x g 3			
7.	10ml		2 T25	
8.				

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR

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HLA

A*: '26:01:01, '29:02:01

B*: '15:01:01, '44:03:01

C*: '03:04:01,

DRB1*: '07:01:01, '14:04:01

DQA1*: '01:04:02, '02:01:01

DQB1*: '02:02:01, '05:03:01

DPB1*: '04:01:01, '11:01:01

E: '01:01:01, '01:03