

**Calu-1 | 300141**

<b>Description</b>	Calu-1	NSCLC	47	
	Calu-1		in vitro	7

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**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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<b>Protein expression</b>	P53
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<b>Antigen expression</b>	A Rh+ HLA A10 A11 B15 Bw35
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<b>Isoenzymes</b>	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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<b>Oncogenes</b>	K-ras
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<b>Karyotype</b>	4	2S	14.2%	62	M1	2	M6	M7	M2	M3	M4	M5
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<b>Culture Medium</b>	EMEM MEM Eagle	w 2 mM L-	w 2.2 g/L NaHCO3	w EBSS Cytion	820100a
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<b>Supplements</b>	10% FBS	1% NEAA
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<b>Dissociation Reagent</b>	
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<b>Subculturing</b>	PBS	T25	3-5ml	T75	5-10ml	PBS	T25
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<b>Seeding density</b>	1×10 <sup>4</sup>	/cm <sup>2</sup>	90%
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<b>Fluid renewal</b>	2	3
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<b>Post-Thaw Recovery</b>	4	24
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<b>Freeze medium</b>	FBS	10	DMSO
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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% CO<sub>2</sub>

**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