

Calu-1 | 300141

Description	Calu-1 , (NSCLC) . 47 .
	Calu-1 . 7 20

Organism

Tissue

Disease

Metastatic site

Synonyms	CaLu-1, CALU-1, Calu.1, 1, 1, 1, 1, 1, 1
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Age	47
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Gender

Morphology

Cell type

Growth properties

Citation	Calu-1(300141)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0608
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Protein expression P53

Antigen expression A, Rh+, HLA A10, A11, B15, Bw35

Isoenzymes Me-2, 1-2, PGM3, 1, PGM1, 1-2, ES-D, 1, AK-1, 1, GLO-1, 1-2, G6PD, B, : 0.0359

Oncogenes K-ras .

Karyotype 2S 14.2% . 62 . 7 , M1(2), M6 M7 , M2 M3, M

Culture Medium EMEM(MEM), w: 2mM L- , w: 2.2g/L NaHCO3, w: EBSS(820100a)

Supplements 10% FBS 1% NEAA

Dissociation Reagent

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Seeding density $1 \times 10^4 / \text{cm}^2$ 4 90% .

Fluid renewal 2~3

Post-Thaw Recovery 2×10^4 , 24 .

Freeze medium (FBS) + 10% DMSO , 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.	8ml 15ml .
6.	300 x g 3 .
7.	10ml . T25 , T25
8.	. .

Incubation Atmosphere 37°C, 5% CO₂ .

Flask Coating

Freezing Procedure -78°C

Shipping Conditions -78°C

Storage Conditions -150°C -196°C .80°C

/ / 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