

**Calu-1 | 300141**

<b>Description</b>	Calu-1 , (NSCLC) . 47 .
	Calu-1 . 7 20

**Organism**

**Tissue**

**Disease**

**Metastatic site**

<b>Synonyms</b>	CaLu-1, CALU-1, Calu.1, 1, 1, 1, 1, 1, 1
-----------------	--

<b>Age</b>	47
------------	----

**Gender**

**Morphology**

**Cell type**

**Growth properties**

<b>Citation</b>	Calu-1( 300141)
-----------------	-----------------

<b>Biosafety level</b>	1
------------------------	---

<b>NCBI_TaxID</b>	9606
-------------------	------

<b>CellosaurusAccession</b>	CVCL_0608
-----------------------------	-----------

**Calu-1 | 300141**

**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**  $2 \times 10^4$  , 24 .

**Freeze medium** (FBS ) + 10% DMSO , CM-1(Cytion 800100)

**Calu-1 | 300141**

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%<sub>CO2</sub> .

**Flask Coating**

**Freezing Procedure** -78°C . . . . .

**Shipping Conditions** -78°C . . . . .

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

/ / HLA

**Sterility** PCR . . . . .

Calu-1 | 300141

---

**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