

Product sheet

Calu-1 | 300141

Description	Calu-1	NSCLC	47				
	Calu-1				7	20	
Organism							
Tissue							
Disease							
Metastatic site							
Synonyms	CaLu-1	CALU-1	Calu.1	CALU 1	Calu 1	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

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 M1 M6 M7 M2 M3 M4 M5

Culture Medium

EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO₃ w EBSS Cytion 820100a

Supplements

10% FBS 1% NEAA

Dissociation Reagent

Accutase

Subculturing

PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density

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

Fluid renewal

2 3

Post-Thaw Recovery

⁴ 2×10 24

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

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