

Calu-6 | 300135

Description	Calu-6	61		NSCLC	1975	Calu-6
	Calu-6	NSCLC	KRAS			

Organism

Tissue

Disease

Metastatic site

Synonyms Calu-6 CALU-6 CALU.6 CALU6 CALU6 CaLu-06

Age 61

Gender

Ethnicity

Morphology

Growth properties

Citation Calu-6 (Cytion 300135)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0236

Calu-6 | 300135

Protein expression	P53															
Isoenzymes	Me-2	1	PGM3	1	PGM1	2	ES-D	1	AK-1	1	GLO-1	2	G6PD	B	0.0031	
Tumorigenic																
Mutational profile	CaLu-6	KRAS	61	c.181C>A	p. Gln61Lys	BRAF NRAS										
Karyotype	4	2S	5.8%	59 14			S	QM	Y							
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																
Subculturing						PBS	T25	3-5ml	T75	5-10ml	PBS	T25	1-2m			
Seeding density	2 × 10 ⁴	/cm ²	4	90%												
Fluid renewal	2 3															
Post-Thaw Recovery	4	/cm ²										48				
Freeze medium						FBS	10	DMSO								CM-1

Calu-6 | 300135

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

Calu-6 | 300135

HLA

A*: '01:01:01

B*: '08:01:01

C*: '07:01:01

DRB1*: '03:01:01

DQA1*: '05:01:01

DQB1*: '02:01:01

DPB1*: '02:01:02

E: '01:01:01