

**Calu-6 | 300135**

<b>Description</b>	Calu-6	61		NSCLC	1975	Calu-6
	Calu-6	NSCLC	KRAS			

**Organism**

**Tissue**

**Disease**

**Metastatic site**

<b>Synonyms</b>	CaLu-6	CALU-6	CALU.6	CALU6	CALU6	CaLu-06
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<b>Age</b>	61
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**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

<b>Citation</b>	Calu-6 (Cytion	300135)
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<b>Biosafety level</b>	1
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<b>NCBI_TaxID</b>	9606
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<b>CellosaurusAccession</b>	CVCL_0236
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<b>Protein expression</b>	P53															
<b>Isoenzymes</b>	Me-2	1	PGM3	1	PGM1	2	ES-D	1	AK-1	1	GLO-1	2	G6PD	B	0.0031	
<b>Tumorigenic</b>																
<b>Mutational profile</b>	CaLu-6	KRAS	61	c.181C>A	p. Gln61Lys	BRAF NRAS										
<b>Karyotype</b>	4	2S	5.8%	59	14	S	QM	Y								
<b>Culture Medium</b>	EMEM	MEM	Eagle	w	2 mM	L-	w	2.2 g/L	NaHCO3	w	EBSS	Cytion	820100a			
<b>Supplements</b>	10% FBS 1% NEAA															
<b>Dissociation Reagent</b>																
<b>Subculturing</b>						PBS	T25	3-5ml	T75	5-10ml	PBS	T25	1-2m			
<b>Seeding density</b>	2 × 10 <sup>4</sup>	/cm <sup>2</sup>	4	90%												
<b>Fluid renewal</b>	2 3															
<b>Post-Thaw Recovery</b>	4	5 × 10 <sup>6</sup>	48													
<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\*:** '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