

Calu-6 | 300135

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

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** Calu-6 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

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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)			NRAS	BRAF				
<b>Karyotype</b>		2S	5.8%	59	S	14		QM	Y			
<b>Culture Medium</b>	EMEM	MEM Eagle	2 mM L-	2.2 g/L NaHCO <sub>3</sub>		EBSS	Cytion	820100a				
<b>Supplements</b>	10% FBS 1% NEAA											
<b>Dissociation Reagent</b>	Accutase											
<b>Subculturing</b>			PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75
<b>Seeding density</b>	$2 \times 10^4$	$\frac{1}{cm^2}$	4	90%								
<b>Fluid renewal</b>	2 3											
<b>Post-Thaw Recovery</b>	$4 \frac{1}{5 \times 10^6}$ 48											
<b>Freeze medium</b>	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.			8	15
6.	300 x g	3		
7.	10		T25	T25
8.				

**Incubation Atmosphere**

37°C 5% CO<sub>2</sub>

Shipping Conditions	
	-78 °C

**Storage Conditions**

-150 -196 °C

-80 °C

Sterility	
	PCR