

A549 | 300114

Description	A549	A549
	A549	
	A549	II
	A549	
	A549	

Organism

Tissue

Disease

Synonyms A 549 A-549 NCI-A549 hA54

Age 58

Gender

Ethnicity

Morphology

Growth properties

Citation A549 Cytion 300114

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0023

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Protein expression	P53														
Isoenzymes	B G6PD														
Reverse transcriptase															
Karyotype	A549		n2		64										
Culture Medium	DMEM:Ham's F12 1:1		w: 3.1 g/L		w: 2.5 mM L-		w: 15 mM HEPES		w: 0.5 mM		w: 1.2 g/L NaHCO3		Cytion 8		
Supplements	10% FBS														
Dissociation Reagent	Accutase														
Doubling time	28														
Subculturing			PBS T25		3-5		PBS T75		5-10		Accutase		T25 1-2 T75 2.5		
Seeding density	1 × 10 ⁴ /														
Fluid renewal	2 3														
Post-Thaw Recovery			4 5 × 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

**Shipping
Conditions**

-78 °C

**Storage
Conditions**

-150 -196 -80 °C

/ /HLA

Sterility

PCR