

A549 | 300114

Description	A549	A549	in vitro	II	in vitro
	A549				
	A549				
	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
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Isoenzymes	B G6PD
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Reverse transcriptase	
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Karyotype	A549	n2	64
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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)
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Supplements	10% FBS
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Dissociation Reagent	
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Doubling time	28
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Subculturing	PBS	T25	3-5ml T75	5-10ml PBS	T25	1-2m
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Seeding density	$1 \times 10^4 / \text{cm}^2$
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Fluid renewal	2 3
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Post-Thaw Recovery	4×10^6	24
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Freeze medium	FBS	10 DMSO	CM-1
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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 1
- 8.

Incubation Atmosphere 37 5% CO₂

Flask Coating

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR